REDEFINING LIVING

GENERAL CATALOGUE ADESITAL

GENERAL CATALOGUE





REDEFINING LIVING

It's our new payoff.
It's our vision, and a shared journey forward -
walking side by side with our clients.

We aim to transform spaces,
elevate well-being and evoke emotions.
We aim to redefine living.





OUR MISSION

To contribute to the development of systems for the building sector ensuring

Living COMFORT

High PERFORMANCE

EASY use

RESPECT for the environment and the working conditions.





INNOVATIVE AND PERFORMING SYSTEMS

ADESITAL GUARANTEES:

The **DEVELOPMENT OF INNOVATIVE AND PERFORMING SOLUTIONS,** for the maximum benefit of the installer and of the final user.

The **KEEPING UP TO THE BEST TECHNOLOGICAL STANDARDS** available for production processes, so as to guarantee **A RANGE OF TOP QUALITY PRODUCTS**.

The **CONTINUOUS IMPROVEMENT** of integrated company management systems for safety, health and environment quality, in compliance with voluntary reference norms - ISO 9001, ISO 14001, ISO 45001.





CUSTOMER CARE

Adesital is strongly orientated to SATISFYING ITS CUSTOMERS and deploys all available resources to guarantee A RELIABLE SERVICE for:

ORDER MANAGEMENT

DELIVERIES

TECHNICAL SERVICE

POST-SALE ASSISTANCE

The strategic location of Adesital in the heart of the Sassuolo-Fiorano ceramic district guarantees a FAST AND EFFECTIVE DELIVERY SYSTEM reducing related times and costs.
Our sales network is formed by highly qualified staff and ensures a widespread coverage and a RELIABLE TECHNICAL SERVICE LEVEL TO MEET CUSTOMERS' REQUIREMENTS.



SUSTAINABILITY

ADESITAL participates in the program Responsible Care promoted by Federchimica (Italian Federation of the chemical industry) for the Sustainable development of the Chemical Industry, according to values and behaviours targeted at Safety, Health and Environment protection

The program promotes:

ENVIRONMENT PROTECTION

SUSTAINABLE DEVELOPMENT

ENVIRONMENTAL COMPATIBILITY OF THE PRODUCTS

Indeed, Adesital products perfectly comply with the European Norms both for safeguarding the environment and the operators' health. For years, we have been selecting raw materials for the preparation of products paying the utmost attention to the content of VOC (Volatile Organic Compounds), which can emit vapours that are harmful to the health of people living in an enclosed environment.

Living in a clean environment, free of harmful emission, is something we all strongly wish.


ADESITA



MIX OF EXPERTISE AND INNOVATION

HERE WE ARE,
in the heart of the ceramic district,
FOR OVER 50 YEARS,
with solution, ideas and products
CONSTANTLY EVOLVING.

Today we are able to offer a wide range of pre-mixed products for the building sector, from systems for the installation of ceramics to systems for the restoration of walls, concrete, floorings and façades.

Together we work on the development of solutions that combine quality of performance with ease of use.

IN 2000 WE JOINED THE MAPEI GROUP.

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INSTALLATION OF CERAMIC TILES AND NATURAL STONES

01

ADEFLEX LIGHT S1

Single-component, lightened cementitious adhesive, deformable **S1**, with very high coverage and technology combining very high performance and easy spreadability with reduced dust formation while preparing the mix.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	7405415	15 kg bag	60 packages x 15 kg = 900 kg	0.8 kg/m² every mm of thickness
Grey	7405315	15 kg bag	60 packages x 15 kg = 900 kg	0.8 kg/m² every mm of thickness

01

PRODUCT FEATURES

- New generation single-component highly performing adhesive.
- Extremely light: the special aggregates allow for a much lighter product with greater coverage capacity compared to traditional Adesital adhesives
- Lighter to transport (15 kg bags)
- Highly deformable, being classified **S1** according to the European Norm **EN 12004**, excellent capacity of meeting the substrate and tile movements.
- Reduced dust formation during the mix preparation.
- High smoothness and creamy consistency, easy and light to spread, with reduced fatigue.
- Excellent distribution and coverage of the tile back sides.
- For indoor and outdoor use.
- Single-component.
- Classification according to **EN 12004**, class **C2TE – S1.**
- Very low VOC emissions (class EC1 plus).

USE

- Interior and exterior installation of any ceramic material.
- Installation of thin slabs in porcelain stoneware.
- Indoor and outdoor installation of stone materials, if dimensionally solid and non-absorbing
- Installation of ceramic tiles on heating floors and cementitious renders
- Installation of floors with heavy traffic
- Installation on deformable substrates such as gypsum board, asbestos cement, marine-type plywood, wood composition panels
- Installation of ceramic and solid stone material on façades, balconies, terraces and sun stone pavements, subject to direct sun rays and sudden temperature changes
- Installation of ceramic tiles on ceramic material suitably prepared
- Installation on cementitious and anhydrite screeds, after suitable preparation and application of PRIMER GS
- Installation of wall and floor ceramic tiles on substrates water-proofed by ADEPROOF membranes.

TECHNICAL DATA	**(at +23°C and 50% R.H.)**
Appearance	powder
Colour	white and grey
Powder volume mass	0.85 g/cm³
Storage	12 months (in the original packaging and in a dry place)
Mixing ratio	7.6 - 7.8 l of water every 15 kg bag grey 8.0 - 8.2 l of water every 15 kg bag white
Pot life	8 hours
Application temperature	from +5°C to +35°C
Mix pH	> 12
Open time	30 minutes
Adjustment time	20 minutes
Ready for traffic	after 24 - 36 hours
Wall grouting	after 4 - 8 hours
Floor grouting	after 24 - 36 hours
Final hardening	14 days

FINAL PERFORMANCE	
Initial adhesion	> 1.8 N/mm²
Adhesion after heating	> 1.8 N/mm²
Adhesion after immersion in water	> 1.0 N/mm²
Adhesion after frost-thaw cycles	> 1.0 N/mm²
Deformability according to EN 12004	> 2.5 mm (S1, deformable)

APPLICATION CYCLE

WALL INSTALLATION OF THIN PORCELAIN STONEWARE.

USED ADESITAL PRODUCTS:

- ADEFLEX LIGHT S1
- ADEFLEX LIGHT S2
- FUGAMAGICA MATERIA
- FUGAMAGICA MATERIA TECH
- ADEPOXY MATERIA
- ADEPOXY MATERIA TECH

PRELIMINARY STEPS:

Before installing the material, check the quality, the consistency and the mechanical properties of the render as indicated in the norm UNI 11493. After this step, choose a suitable notched trowel for applying the product.



01

Prepare the substrate properly and level the adhesive type **ADEFLEX LIGHT S1, ADEFLEX LIGHT S2** to zero. Then, apply the adhesive with the toothed part of the squeegee.



02

Apply an even layer of adhesive taking care that no anti-adhesive film is formed on the product.



03

Apply the ceramic tiles on the spread adhesive. Press the ceramic tile carefully, so that its back side is completely wetted.



04

When the adhesive has cured, grout the joints with **ADEPOXY MATERIA** or **FUGAMAGICA**.

ADEFLEX LIGHT S2

Single-component, lightened cementitious adhesive **S2**, highly deformable, with very high coverage and technology combining very high performance and easy spreadability with reduced dust formation while preparing the mix.



EN 12004 C2TE-S2 IMPROVED HIGHLY DEFORMABLE CEMENTITIOUS ADHESIVE WITH REDUCED SLIP AND EXTENDED OPEN TIME

+ 50% HIGHLY PERFORMING TECHNOLOGY

LIGHTENED PRODUCT

GEV-EMICODE EC 1 PLUS very low emission

LOW POWDER EMISSION



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	7405215	15 kg bag	60 packages x 15 kg = 900 kg	0.8 kg/m² every mm of thickness
Grey	7405115	15 kg bag	60 packages x 15 kg = 900 kg	0.8 kg/m² every mm of thickness

01

PRODUCT FEATURES

- Extremely light: the special aggregates allow for a much lighter product with greater coverage capacity compared to traditional Adesital adhesives.
- Lighter to transport (15 kg bags) and lighter to apply
- Top deformable, being classified **S2** according to the European Norm **EN 12004**, excellent capacity of meeting the substrate and tile movements
- Reduced dust formation during the mix preparation.
- High smoothness and creamy consistency, easy and light to spread, with reduced fatigue.
- Excellent distribution and wetting of the tile back sides
- For indoor and outdoor use
- Single-component
- Classification according to **EN 12004**, class **C2TE – S2.**
- Very low VOC emissions (class EC1 plus).

USE

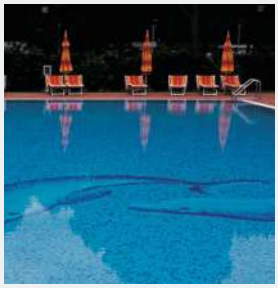
- Interior and exterior installation of any ceramic material.
- Installation of thin slabs in porcelain stoneware.
- Indoor and outdoor installation of stone materials, if dimensionally solid and non-absorbing
- Installation of ceramic tiles on heating floors and cementitious renders
- Installation of floors with heavy traffic
- Installation on deformable substrates such as gypsum board, asbestos cement, marine-type plywood, wood composition panels
- Installation of ceramic and solid stone material on façades, balconies, terraces and sun stone pavements, subject to direct sun rays and sudden temperature changes
- Installation on prefabricated concrete walls and on cured concrete substrates
- Installation of ceramic tiles on ceramic, stone material and terrazzo tiles suitably prepared
- Installation on cementitious and anhydrite screeds, after suitable preparation and application of PRIMER GS
- Installation of wall and floor ceramic tiles on substrates water-proofed by ADEPROOF membranes.

TECHNICAL DATA	**(at +23°C and 50% R.H.)**
Appearance	powder
Colour	white and grey
Powder volume mass	0.85 g/cm³
Storage	12 months (in the original packaging and in a dry place)
Mixing ratio	6.5 - 6.7 l of water every 15 kg bag
Pot life	8 hours
Mix volume mass	1.6 g/cm³
Application temperature	from +5°C to +35°C
Mix pH	> 12
Open time	30 minutes
Adjustment time	20 minutes
Ready for traffic	after 24 - 36 hours
Wall grouting	after 4 - 8 hours
Floor grouting	after 24 - 36 hours
Final hardening	14 days

FINAL PERFORMANCE	
Initial adhesion	> 2.0 N/mm²
Adhesion after heating	> 2.0 N/mm²
Adhesion after immersion in water	> 1.0 N/mm²
Adhesion after frost-thaw cycles	> 1.0 N/mm²
Deformability according to EN 12004	> 5 mm (S2, highly deformable)

B 75 MONOCOLOR

Extra white single-component cementitious adhesive for the installation of every type of ceramic material on floors and walls.
Specific for glassy mosaic even in immersion.



EN 12004
C2TE-S1
IMPROVED DEFORMABLE CEMENTITIOUS ADHESIVE WITH REDUCED SLIP AND EXTENDED OPEN TIME

GEV-EMICODE EC 1 PLUS very low emission



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2772725	25 kg bag	60 packages x 25 kg = 1500 kg	2 - 5 kg/m²

01

PRODUCT FEATURES

- Extra-white single-component powder adhesive based on cement, Carrara marble powder, selected graded quartz aggregates, synthetic resins and additives.
- Good deformability, null vertical slip and extended open time.
- Strong adhesion in indoor and outdoor installation.
- Ideal for the installation of mosaic even in immersion.
- Classification **C2TE-S1** according to the European Norm **EN 12004**.
- Very low VOC emissions (class EC1 plus).

USE

- Installation of floor and wall tiles and ceramic or glass mosaics, including water-immersed applications.
- Installation of mosaic in swimming-pools.
- Installation of double fired and single fired ceramic tiles and porcelain stoneware.
- Installation of ceramic floor tiles on ceramic, terrazzo tiles, natural stones.
- Installation of floors with heavy traffic.
- Installation of heating floors.
- Installation of tiles and mosaics on panels in gypsum board (previously treated with PRIMER GS).
- Installation of wall and floor ceramic tiles on substrates water-proofed by ADEPROOF membranes.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white
Storage	12 months in the original packaging and in a dry place
Mixing ratio	7.6 - 7.9 l of water every 25 kg
Pot life	over 8 hours
Mix volume mass	1.6 g/cm³
Mix pH	> 12
Application temperature	from +5°C to +35°C
Open time	> 20 minutes
Adjustment time	> 15 minutes
Ready for traffic	after 24 hours
Grouting	after 2 - 3 days
Final hardening	after 14 days

FINAL PERFORMANCE	
Deformability	Class S1 (> 2.5 mm)
Adhesion: dry (after 28 days)	> 3.0 N/mm²
after heating	> 2.0 N/mm²
after immersion in water	> 1.0 N/mm²
after frost-thaw cycles	> 1.0 N/mm²

APPLICATION CYCLE

WALL INSTALLATION OF A GLASSY MOSAIC ON A CEMENTITIOUS RENDER.

USED ADESITAL PRODUCTS:

- ADEFLEX LIGHT S1 BIANCO
- ADEFLEX LIGHT S2 BIANCO
- B 75 MONOCOLOR
- ADEPOXY MATERIA
- ADEPOXY MATERIA TECH

PRELIMINARY STEPS:

Before installing the material, check the quality, the consistency and the mechanical properties of the render as indicated in the norm UNI 11493. After this step, choose a suitable notched trowel for applying the product.



01

Prepare the substrate properly and level the adhesive type **B75 MONOCOLOR**, **ADEFLEX LIGHT S1**, **ADEFLEX LIGHT S2** to zero.



02

Then, apply the adhesive with the toothed part of the squeegee.



03

Application of the sheet of glassy mosaic.



04

Press evenly the tesseras with a suitable rubber squeegee to ensure a complete wetting of their back side.



05

Make sure that the adhesive does not fill in the gaps between the tiles to be filled with sealant type **ADEPOXY MATERIA** or **ADEPOXY MATERIA TECH.**

EXTRA 30 POWER S2

NEW

Single-component, **S2** highly deformable cementitious adhesive, with high performance and easy spreadability. Specific for the installation of large slabs.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2932325	25 kg bag	60 packages x 25 kg = 1500 kg	3.0 – 5.0 kg/m²
Grey	2932225	25 kg bag	60 packages x 25 kg = 1500 kg	3.0 – 5.0 kg/m²

PRODUCT FEATURES

- Improved single-component cementitious adhesive containing a high quantity of premium resins, selected grain size sands and special additives, which ensure high adhesion and **S2** deformability of the product.
- Excellent workability and perfect adhesion to all ceramic materials.
- Specific for the installation of large slabs even with low thickness.
- Excellent distribution and wetting of the tile back sides even with large slabs.
- For indoor and outdoor use.
- Classification **C2E-S2** according to the European Norm **EN 12004**.
- Very low VOC emissions (class EC1 plus).

USE

- Indoor and outdoor installation of every type of ceramic material (porcelain stoneware, double firing, single firing, klinker).
- Indoor and outdoor installation of stone materials (if solid and non-absorbing).
- Installation of large, thin slabs in porcelain stoneware.
- Ceramic installation on floors with radiating system.
- Installation of floors with heavy traffic.
- Installation of ceramic and solid stone material on balconies, terraces and sun stone pavements, subject to direct sun rays and sudden temperature changes.
- Installation on cured concrete substrates.
- Installation of ceramic tiles on ceramic, stone material and terrazzo tiles suitably prepared
- Installation on cementitious and anhydrite screeds, after suitable preparation and application of PRIMER GS
- Installation of wall and floor ceramic tiles on substrates water-proofed by ADEPROOF membranes.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white / grey
Powder volume mass	1.3 g/cm³
Storage	12 months (in the original packaging and in a dry place)
Mixing ratio	8.0 - 8.2 l of water every 25 kg bag, white or grey
Pot life	8 hours
Application temperature	from +5°C to +35°C
Mix pH	> 12
Open time	30 minutes
Adjustment time	45 minutes
Ready for traffic	after 24 hours
Floor grouting	after 24 - 36 hours
Final hardening	14 days

FINAL PERFORMANCE	
Initial adhesion	2.7 N/mm²
Adhesion after heating	2.6 N/mm²
Adhesion after immersion in water	1.1 N/mm²
Adhesion after frost-thaw cycles	1.4 N/mm²
Deformability according to EN 12004	> 5 mm (S2, highly deformable)
Resistance to humidity	excellent
Resistance to aging	excellent
Resistance to solvents and alkali	good
Resistance to acids	poor

EXTRA 30 MAXI

High performance **S1** deformable cementitious adhesive, with extended open time and no slip, for thickness from 3 to 20 mm, with technology for reduced dust emission while mixing.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2930225	25 kg bag	60 packages x 25 kg = 1500 kg	3 - 5 kg/m²
Grey	2932025	25 kg bag	60 packages x 25 kg = 1500 kg	3 - 5 kg/m²

01

PRODUCT FEATURES

- Single-component powder adhesive for high thickness (up to 20 mm); it hardens without decreasing its thickness and with low shrinkage.
- Highly deformable, classified **S1** according to the European Norm **EN 12004**, excellent capacity of meeting the substrate and tile movements.
- Excellent workability and adjustability, no vertical slip and extended open time.
- Strong adhesion in indoor and outdoor installation.
- Indicated for the installation of large-sized porcelain stoneware slabs on even irregular cementitious screeds.
- Classification **C2TE-S1** according to the European Norm **EN 12004**.
- Very low VOC emissions (class EC1 plus).

USE

- Installation of large sized ceramic tiles and solid natural stones on even irregular cementitious screeds.
- Installation of extruded terracotta and klinker on cementitious screeds.
- Installation of ceramic tiles on ceramic, terrazzo tiles, natural stones.
- Installation of floors subject to heavy traffic.
- Installation of heating floors.
- Installation of wall and floor ceramic tiles on substrates water-proofed by ADEPROOF membranes.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white / grey
Storage	12 months in the original packaging and in a dry place
Mixing ratio	6.9 - 7.1 l of water every 25 kg, white 6.7 - 6.9 l of water every 25 kg, grey
Pot life	over 8 hours
Mix volume mass	1.7 g/cm³
Mix pH	> 12
Application temperature	from +5°C to +35°C
Open time	> 30 minutes
Adjustment time	45 - 60 minutes
Ready for traffic	after 24 hours
Wall grouting	after 4 - 8 hours
Floor grouting	after 24 - 36 hours
Final hardening	after 14 days

FINAL PERFORMANCE	
Deformability (according to EN 12004)	> 2.5 mm (S1)
Adhesion: dry	2.6 N/mm²
after heating	2.5 N/mm²
after immersion in water	1.1 N/mm²
after frost-thaw cycles	1.3 N/mm²

EXTRA 30 POWER

Single-component, highly performing, **S1** deformable cementitious adhesive. Studied for installing large porcelain stoneware slabs.



EN 12004
C2TE-S1
IMPROVED DEFORMABLE CEMENTITIOUS ADHESIVE WITH REDUCED SLIP AND EXTENDED OPEN TIME

GEV-EMICODE EC 1 PLUS very low emission



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2933125	25 kg bag	60 packages x 25 kg = 1500 kg	2.5 - 5 kg/m²
Grey	2933225	25 kg bag	60 packages x 25 kg = 1500 kg	2.5 - 5 kg/m²

PRODUCT FEATURES

- Single-component, powder adhesive with excellent adhesion on porcelain stoneware.
- Highly deformable, classified **S1** according to the European Norm **EN 12004**, excellent capacity of meeting the substrate and tile movements.
- Extended open time and strong adhesion in indoor and outdoor installation.
- Creamy consistency and extremely easy to apply.
- For floors and walls, its very high thixotropy prevents vertical sliding of tiles.
- Indicated for installing large porcelain stoneware slabs.
- Classification **C2TE-S1** according to the European Norm **EN 12004**.
- Very low VOC emissions (class EC1 plus).

USE

- Indoor and outdoor installation of every type of ceramic material (porcelain stoneware, double firing, single firing, klinker).
- Indoor and outdoor installation of stone materials (if solid and non-absorbing).
- Installation of ceramic tiles on heating floors and cementitious renders.
- Installation of floors with heavy traffic.
- Installation on deformable substrates: gypsum board, asbestos cement, marine-type plywood, wood composition panels (suitably prepared, solid to water and not treated).
- Installation on prefabricated concrete walls and on cured concrete substrates.
- Installation of ceramic tiles on ceramic, terrazzo tiles, natural stones.
- Installation of wall and floor ceramic tiles on substrates water-proofed by ADEPROOF membranes.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white / grey
Storage	12 months in the original packaging and in a dry place
Mixing ratio	6.5 - 6.7 l of water every 25 kg, white 6.7 - 6.8 l of water every 25 kg, grey
Pot life	8 hours
Mix volume mass	1.4 g/cm³
Mix pH	> 12
Application temperature	from +5°C to +35°C
Open time	> 30 minutes
Adjustment time	> 20 minutes
Ready for traffic	after 24 - 36 hours
Wall grouting	after 4 - 8 hours
Floor grouting	after 24 - 36 hours
Final hardening	14 days

FINAL PERFORMANCE	
Initial adhesion	2.4 N/mm²
Adhesion after heating	2.2 N/mm²
Adhesion after immersion in water	1.1 N/mm²
Adhesion after frost-thaw cycles	1.2 N/mm²
Resistance to humidity	excellent
Resistance to aging	excellent
Resistance to solvents and alkali	good
Resistance to acids	poor

EXTRA 30 POWER BIANCO FLASH

SUPER WHITE single-component, highly performing, cementitious, **S1** deformable adhesive. Studied for installing large porcelain stoneware slabs.



EN 12004
C2TE-S1
IMPROVED DEFORMABLE CEMENTITIOUS ADHESIVE WITH REDUCED SLIP AND EXTENDED OPEN TIME

GEV-EMICODE EC 1 PLUS very low emission



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2933325	25 kg bag	60 packages x 25 kg = 1500 kg	2.5 - 5.0 kg/m²

01

PRODUCT FEATURES

- Single-component, powder adhesive with excellent adhesion on porcelain stoneware.
- Excellent white shade. The colour has been modified with the combination of ultra-white sands from special quarries.
- Highly deformable, classified **S1** according to the European Norm **EN 12004**, excellent capacity of meeting the substrate and tile movements.
- Extended open time and strong adhesion in indoor and outdoor installation.
- Creamy consistency and extremely easy to apply.
- For floors and walls, its very high thixotropy prevents vertical sliding of tiles.
- Classification **C2TE-S1** according to the European Norm **EN 12004**.
- Very low VOC emissions (class EC1 plus).

USE

- Indoor and outdoor installation of every type of ceramic material (porcelain stoneware, double firing, single firing, klinker).
- Indoor and outdoor installation of stone materials (if solid and non-absorbing).
- Installation of ceramic tiles on heating floors and cementitious renders.
- Installation of floors with heavy traffic.
- Installation on deformable substrates: gypsum board, asbestos cement, marine-type plywood, wood composition panels (suitably prepared, solid to water and not treated).
- Installation on prefabricated concrete walls and on cured concrete substrates.
- Installation of ceramic tiles on ceramic, terrazzo tiles, natural stones.
- Installation of wall and floor ceramic tiles on substrates water-proofed by ADEPROOF membranes.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white
Powder volume mass	1.4 g/cm³
Storage	12 months (in the original packaging and in a dry place)
Mixing ratio	8.5 - 8.8 l of water every 25 kg bag
Pot life	8 hours
Application temperature	from +5°C to +35°C
Mix pH	> 12
Open time	30 minutes
Adjustment time	20 minutes
Ready for traffic	after 24 - 36 hours
Wall grouting	after 4 - 8 hours
Floor grouting	after 24 - 36 hours
Final hardening	14 days

FINAL PERFORMANCE	
Initial adhesion	2.4 N/mm²
Adhesion after heating	2.2 N/mm²
Adhesion after immersion in water	1.1 N/mm²
Adhesion after frost-thaw cycles	1.2 N/mm²
Resistance to humidity	excellent
Resistance to aging	excellent
Resistance to solvents and alkali	good
Resistance to acids	poor

EXTRA 30 POWER N

Single-component, highly performing, **S1** deformable cementitious adhesive. Studied for installing large porcelain stoneware slabs.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2933725	25 kg bag	60 packages x 25 kg = 1500 kg	2.5 – 5.0 kg/m²
Grey	2933625	25 kg bag	60 packages x 25 kg = 1500 kg	2.5 – 5.0 kg/m²

PRODUCT FEATURES

- Single-component cementitious adhesive containing a high quantity of premium resins, selected grain size sands and special additives, which ensure high adhesion and **S1** deformability of the product.
- SUPER SMOOTH when applying it with the squeegee.
- Excellent adhesion to all ceramic materials and to almost all substrates commonly used in the building industry.
- For wall and floor applications.
- Excellent distribution and coverage of the tile back sides even with large slabs.
- For indoor and outdoor use.
- Classification **C2TE-S1** according to the European Norm **EN 12004**.
- Very low VOC emissions (class EC1 plus).

USE

- Indoor and outdoor installation of every type of ceramic material (porcelain stoneware, double firing, single firing, klinker).
- Indoor and outdoor installation of stone materials (if solid and non-absorbing).
- Installation of ceramic tiles on heating floors and cementitious renders.
- Installation on deformable substrates: gypsum board, asbestos cement, marine-type plywood, wood composition panels (suitably prepared, solid to water and not treated).
- Installation on prefabricated concrete walls and on cured concrete substrates.
- Installation of ceramic tiles on ceramic, stone material and terrazzo tiles suitably prepared
- Installation of wall and floor ceramic tiles on substrates water-proofed by ADEPROOF membranes.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white and grey
Powder volume mass	1.4 g/cm³
Storage	12 months (in the original packaging and in a dry place)
Mixing ratio	6.9 - 7.1 l of water every 25 kg bag, white 7.4 - 7.6 l of water every 25 kg bag, grey
Pot life	8 hours
Application temperature	from +5°C to +35°C
Mix pH	> 12
Open time	30 minutes
Adjustment time	20 minutes
Ready for traffic	after 24 - 36 hours
Wall grouting	after 4 - 8 hours
Floor grouting	after 24 - 36 hours
Final hardening	14 days

FINAL PERFORMANCE	
Initial adhesion	2.4 N/mm²
Adhesion after heating	2.2 N/mm²
Adhesion after immersion in water	1.1 N/mm²
Adhesion after frost-thaw cycles	1.2 N/mm²
Resistance to humidity	excellent
Resistance to aging	excellent
Resistance to solvents and alkali	good
Resistance to acids	poor

EXTRA 30 FAST

Special cementitious adhesive with accelerated setting and null vertical slip.
Ideal for porcelain stoneware.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey	2933525	25 kg bag	60 packages x 25 kg = 1500 kg	2.5 – 5 kg/m²

01

PRODUCT FEATURES

- Single-component adhesive with accelerated setting and hydration with excellent adhesion on porcelain stoneware, ready for traffic already 2 - 3 hours after the installation.
- Fair deformability and null vertical slip.
- Strong adhesion in indoor and outdoor installation.
- Frost and heat resistant.
- It is especially recommended for the installation of non-absorbent tiles and ceramic tiles on old ones for surfaces requiring a rapid use.
- Classification **C2FT** according to the European Norm **EN 12004**.
- Very low VOC emissions (class EC1 plus).

USE

- Indoor and outdoor rapid installation on cementitious renders and screeds of any ceramic tile: porcelain stoneware, klinker, terracotta, single and double fired tiles, solid stone materials.
- Installation of medium-sized floor ceramic tiles on ceramic, terrazzo tiles and solid natural stones.
- Ceramic installation on heating floors.
- Ceramic installation on panels in gypsum board.
- Installation of wall and floor ceramic tiles on substrates water-proofed by ADEPROOF membranes.
- Installation of insulating panels indoors.
- Installation of non-absorbing natural stones and agglomerate marbles with small and medium dimensions.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	grey
Storage	12 months in the original packaging and in a dry place
Mixing ratio	6.2 - 6.5 l of water every 25 kg bag
Pot life	> 30 minutes
Mix volume mass	1.5 g/cm³
Mix pH	> 12
Application temperature	from +5°C to +35°C
Initial setting time	50 minutes
Final setting time	60 minutes
Open time	> 10 minutes
Adjustment time	> 15 minutes
Ready for traffic	after 3 hours
Ready for continuous traffic	after 6 hours
Final hardening	3 days

FINAL PERFORMANCE	
Deformability	fair
Adhesion: initial	1.8 N/mm²
after heating	1.7 N/mm²
after immersion in water	1.2 N/mm²
after frost-thaw cycles	1.4 N/mm²

EXTRA 30

High performance cementitious adhesive, with extended open time and null slip.
Ideal for porcelain stoneware.



EN 12004
C2TE
IMPROVED SLIP RESISTANT CEMENTITIOUS ADHESIVE WITH EXTENDED OPEN TIME

GEV-EMICODE EC 1 PLUS very low emission



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2930025	25 kg bag	60 packages x 25 kg = 1500 kg	2.5 - 5 kg/m²
Grey	2931025	25 kg bag	60 packages x 25 kg = 1500 kg	2.5 - 5 kg/m²

PRODUCT FEATURES

- Single-component, powder cementitious adhesive with excellent adhesion on porcelain stoneware.
- Fair deformability, null vertical slip and extended open time.
- Strong adhesion in indoor and outdoor installation.
- Frost and heat resistant.
- Indicated for the installation of floors subject to continuous traffic and of ceramic tiles on old ones, terrazzo tiles and natural stones.
- FLASH WHITE, in the white version the colour has been modified with the combination of ultra-white sands from special quarries.
- SUPER SMOOTH, the addition of special quartz and lime sands gives a feeling of smoothness and creaminess both in the GREY and WHITE versions.
- Classification **C2TE** according to the European Norm **EN 12004**.
- Very low VOC emissions (class EC1 plus).

USE

- Installation on cementitious renders and screeds of porcelain stoneware and every type of ceramic tiles and solid stone materials.
- Installation of ceramic tiles on ceramic, terrazzo tiles and solid natural stones.
- Installation of ceramic tiles in terraces and balconies.
- Ceramic installation on panels in gypsum board.
- Ceramic installation on heating floors.
- Installation of wall and floor ceramic tiles on substrates water-proofed by ADEPROOF membranes.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white / grey
Storage	12 months in the original packaging and in a dry place
Mixing ratio	7.2 - 7.3 l of water every 25 kg, white 7.0 - 7.2 l of water every 25 kg, grey
Pot life	over 8 hours
Mix volume mass	1.6 g/cm³
Mix pH	> 12
Application temperature	from +5°C to +35°C
Open time	> 30 minutes
Adjustment time	60 minutes
Ready for traffic	after 24 hours
Grouting	after 24 - 36 hours
Final hardening	after 14 days

FINAL PERFORMANCE	
Deformability	fair
Adhesion: dry	1.8 N/mm²
after heating	1.7 N/mm²
after immersion in water	1.2 N/mm²
after frost-thaw cycles	1.4 N/mm²

APPLICATION CYCLE

FLOOR INSTALLATION OF PORCELAIN STONEWARE ON OLD TILES.

USED ADESITAL PRODUCTS:

- ADEGRIP
- ADEFLEX LIGHT S1
- EXTRA 30
- EXTRA 30 MAXI
- EXTRA 30 FAST
- EXTRA 30 POWER

PRELIMINARY STEPS:

Before installing the material, check the consistency and adhesion of the old tiles. Prepare the substrate correctly with suitable products and with possible mechanical operations. After this step, choose a suitable notched trowel for applying the product.



01

Apply **ADEGRIP** after having prepared the substrate properly. Then proceed with the application of the adhesive type **EXTRA 30, EXTRA 30 MAXI, EXTRA 30 FAST, ADEFLEX LIGHT S1, EXTRA 30 POWER**.



02

Use a squeegee with adequate tooth height to ensure perfect coverage of the tile back side.



03

Apply the ceramic tiles on the spread adhesive and beat them so that their back side is completely wetted.



04

It is important to check that the back side of the applied tiles is completely wetted with adhesive.

EXTRA 40 FAST

High performance cementitious adhesive, with rapid setting and null vertical slip. Ideal for marbles and natural stones.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	0125923AD	23 kg bag	50 packages x 23 kg = 1150 kg	2.5 - 4 kg/m²
Grey	2917825	25 kg bag	50 packages x 25 kg = 1250 kg	2.5 - 4 kg/m²

PRODUCT FEATURES

- Single-component powder adhesive with rapid setting and hydration.
- Ready for traffic already 2 - 3 hours after the installation.
- Excellent adhesion even on non-absorbent surfaces, it hardens without shrinking and features a fair deformability.
- Installation of materials that can be altered by absorbing the moisture of a standard adhesive or for works requiring a rapid use.
- Water resistant, with null vertical slip and SUPER SMOOTH when applying it with the squeegee.
- FLASH WHITE, the white version of the product, is featured by an excellent white shade.
- Classification according to **EN 12004**, class **C2 FT-S1**.
- Mixed with LATEX R 200 completely replacing the water, it improves the deformability and adhesion, meeting the requirements of class **S2** (highly deformable adhesive).
- Very low VOC emissions (class EC1 plus).

USE

- Indoor and outdoor rapid installation on traditional substrates of any ceramic tile: porcelain stoneware, klinker, terracotta, single and double fired tiles.
- Installation of non-absorbent natural stones, granites, light marbles.
- Rapid installation of ceramic tiles on ceramic, terrazzo tiles, natural stones.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white and grey
Powder volume mass	1.3 g/cm³
Storage	12 months (in the original packaging and in a dry place)
Mixing ratio	5.1 - 5.5 l of water every 23 kg bag, white 5.3 - 5.6 l of water every 25 kg bag, grey
Pot life	30 minutes
Mix volume mass	1.5 g/cm³
Application temperature	from +5°C to +30°C
Mix pH	> 12
Initial setting time	50 minutes
Final setting time	60 minutes
Open time	10 minutes
Adjustment time	15 minutes
Ready for traffic	after 3 hours
Ready for continuous traffic	after 6 hours
Final hardening	after 3 days on dry substrates

FINAL PERFORMANCE	
Initial adhesion	2.0 N/mm²
Adhesion after heating	1.8 N/mm²
Adhesion after immersion in water	1.2 N/mm²
Adhesion after frost-thaw cycles	1.1 N/mm²
Deformability (according to EN 12004)	> 2.5 mm (S1, when mixed with water) > 5.0 mm (S2, when mixed with LATEX R 200 completely replacing the water)

ADEGRES

Cementitious adhesive with mixed binders,
with extended open time for vitrified materials.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2905025	25 kg bag	60 packages x 25 kg = 1500 kg	2 - 5 kg/m²
Grey	2906025	25 kg bag	60 packages x 25 kg = 1500 kg	2 - 5 kg/m²
White	2905045A	4x5 kg box	32 packages x 4 x 5 kg = 640 kg	2 - 5 kg/m²
Grey	2906045A	4x5 kg box	32 packages x 4 x 5 kg = 640 kg	2 - 5 kg/m²

01

PRODUCT FEATURES

- Single-component powder adhesive with mixed binder (cement and resins) featured by an excellent adhesiveness on porcelain stoneware.
- Null vertical slip and extended open time.
- Strong adhesion in indoor and outdoor installation.
- Recommended for the installation on traditional cementitious substrates, such as screeds and renders.
- FLASH WHITE, in the white version the colour has been modified with the combination of ultra-white sands from special quarries.
- SUPER SMOOTH, the addition of special quartz and lime sands gives a feeling of smoothness and creaminess both in the GREY and WHITE versions.
- Classification **C2TE** according to the European Norm **EN 12004**.
- Very low VOC emissions (class EC1 plus).

USE

- Indoor and outdoor installation of ceramic tiles: medium-sized porcelain stoneware, terracotta, single and double fired tiles, on traditional cementitious renders and screeds.
- Indoor overlapping on existing, medium-sized ceramic floors.
- Indoor bonding of insulating materials.
- Installation of heating floors.

TECHNICAL DATA	**(at +23°C and 50% R.H.)**
Appearance	powder
Colour	white / grey
Storage	12 months in the original packaging and in a dry place
Mixing ratio	6.5 - 6.7 l of water every 25 kg 1.3 l of water every 5 kg
Pot life	6 - 8 hours
Mix volume mass	1.6 g/cm³
Mix pH	> 12
Application temperature	from +5°C to +35°C
Open time	> 30 minutes
Adjustment time	> 60 minutes
Ready for traffic	after 24 hours
Wall grouting	after 4 - 8 hours
Floor grouting	after 24 - 36 hours
Final hardening	after 14 days

FINAL PERFORMANCE	
Deformability	medium
Adhesion: dry (after 28 days)	1.6 N/mm²
after heating	1.4 N/mm²
after immersion in water	1.2 N/mm²
after frost-thaw cycles	1.4 N/mm²

ADEX HP 30

Cementitious adhesive for the installation of every type of ceramic material.
Specific for large-sized floors.



EN 12004
C2E
IMPROVED CEMENTITIOUS ADHESIVE WITH EXTENDED OPEN TIME



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2910225	25 kg bag	60 packages x 25 kg = 1500 kg	2.5 - 5 kg/m²
Grey	2910125	25 kg bag	60 packages x 25 kg = 1500 kg	2.5 - 5 kg/m²

PRODUCT FEATURES

- Single-component powder adhesive with excellent features of workability and adjustability.
- Extended open time and strong adhesion in indoor and outdoor installation.
- Suitable also for overlapped installation.
- Specific for the installation of ceramic tiles on large-sized floors.
- Classification **C2E** according to the European Norm **EN 12004**.

USE

- Installation of ceramic tiles and solid natural stones on cementitious screeds.
- Installation of terracotta, single fired tiles, stoneware and klinker on cementitious screeds and renders.
- Installation of porcelain and marble stoneware even on existing surfaces.
- Installation of ceramic tiles on ceramic, terrazzo tiles, natural stones.
- Installation of floors with heavy traffic.
- Installation of heating floors.
- Installation of wall and floor ceramic tiles on substrates water-proofed by ADEPROOF membranes.

TECHNICAL DATA	**(at +23°C and 50% R.H.)**
Appearance	powder
Colour	white / grey
Storage	12 months in the original packaging and in a dry place
Mixing ratio	7.5 - 7.7 l of water every 25 kg, white 6.5 - 7.0 l of water every 25 kg, grey
Pot life	over 8 hours
Mix volume mass	1.6 g/cm³
Mix pH	> 12
Application temperature	from +5°C to +35°C
Open time	> 30 minutes
Adjustment time	30 minutes
Ready for traffic	after 24 hours
Wall grouting	after 4 - 8 hours
Floor grouting	after 24 - 36 hours
Final hardening	after 14 days

FINAL PERFORMANCE	
Deformability	good
Adhesion: dry	> 1.4 N/mm²
after heating	> 1.5 N/mm²
after immersion in water	> 1.3 N/mm²
after frost-thaw cycles	> 1.5 N/mm²

ADEX HP 30 PLUS

S1 deformable cementitious adhesive for the installation of every type of ceramic material. Designed for large sized ceramic floor slabs.



EN 12004
C2E-S1
IMPROVED DEFORMABLE CEMENTITIOUS ADHESIVE WITH EXTENDED OPEN TIME

GEV-EMICODE EC 1 PLUS very low emission



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2910425	25 kg bag	60 packages x 25 kg = 1500 kg	2.5 - 5 kg/m²
Grey	2910325	25 kg bag	60 packages x 25 kg = 1500 kg	2.5 - 5 kg/m²

01

PRODUCT FEATURES

- Single-component powder adhesive with excellent features of workability and adjustability.
- Extended open time and strong adhesion in indoor and outdoor installation.
- Suitable also for overlapped installation.
- Specific for the installation of large-sized ceramic tiles on wide floors.
- Classification **C2E-S1** according to the European Norm **EN 12004.**
- Very low VOC emissions (class EC1 plus).

USE

- Installation of large ceramic surfaces and in solid natural stones, on cementitious screeds.
- Installation of terracotta, single fired tiles, stoneware and klinker on cementitious screeds and renders.
- Installation of porcelain and marble stoneware even on existing surfaces.
- Installation of ceramic tiles on ceramic, terrazzo tiles, natural stones.
- Installation of floors with heavy traffic.
- Installation of heating floors.
- Installation of wall and floor ceramic tiles on substrates water-proofed by ADEPROOF membranes.

TECHNICAL DATA	**(at +23°C and 50% R.H.)**
Appearance	powder
Colour	white and grey
Powder volume mass	1.5 g/cm³
Storage	12 months (in the original packaging and in a dry place)
Mixing ratio	7.0 - 7.2 l of water every 25 kg bag, grey 7.5 - 7.7 l of water every 25 kg bag, white
Pot life	8 hours
Application temperature	from +5°C to +35°C
Mix pH	> 12
Open time	30 minutes
Adjustment time	30 minutes
Ready for traffic	after 24 - 36 hours
Wall grouting	after 4 - 8 hours
Floor grouting	after 24 - 36 hours
Final hardening	14 days

FINAL PERFORMANCE	
Initial adhesion	2.2 N/mm²
Adhesion after heating	2.0 N/mm²
Adhesion after immersion in water	1.2 N/mm²
Adhesion after frost-thaw cycles	1.2 N/mm²
Deformability	good
Resistance to humidity	excellent
Resistance to aging	excellent
Resistance to solvents and oils	excellent (poor with vegetable oils)
Resistance to alkali	poor

ADEX HP 30 PLUS T

S1 deformable thixotropic cementitious adhesive for the installation of every type of ceramic material. Designed for large sized ceramic floor and wall slabs.



EN 12004
C2TE-S1
IMPROVED DEFORMABLE CEMENTITIOUS ADHESIVE WITH REDUCED SLIP AND EXTENDED OPEN TIME

GEV-EMICODE EC 1 PLUS very low emission



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2910823	23 kg bag	60 packages x 23 kg = 1380 kg	2.5 - 5.0 kg/m²
Grey	2910725	25 kg bag	60 packages x 23 kg = 1380 kg	2.5 - 5.0 kg/m²

PRODUCT FEATURES

- Powder adhesive with premium deformability, thixotropic, classified **S1**, with excellent features of workability and adjustability.
- Specially designed to facilitate the installation of large floor and wall slabs, it can also be used for the overlapped installation of all types of ceramic tiles, with a bed thickness of up to 10 mm.
- Available in white and grey.
- Classification **C2TE-S1** according to the European Norm **EN 12004**.
- Very low emission of VOC (EC1 plus).

USE

- Indoor and outdoor installation of porcelain stoneware on cementitious screeds.
- Installation of terracotta, single fired tiles, stoneware and klinker on cementitious screeds and renders.
- Installation of large and medium sized porcelain and marble stoneware even on existing indoor surfaces in ceramic, terrazzo tiles, natural stones.
- Installation on heating floors.
- Installation of floors with heavy traffic.

TECHNICAL DATA	**(at +23°C and 50% R.H.)**
Appearance	powder
Colour	white and grey
Powder volume mass	1.5 g/cm³
Storage	12 months (in the original packaging and in a dry place)
Mixing ratio	6.5 - 7.0 l of water every 25 kg bag, grey 6.0 - 6.4 l of water every 23 kg bag, white
Pot life	8 hours
Mix volume mass	1.55 g/cm³
Application temperature	from +5°C to +35°C
Mix pH	> 12
Open time	30 minutes
Adjustment time	30 minutes
Ready for traffic	after 24 - 36 hours
Wall grouting	after 4 - 8 hours
Floor grouting	after 24 - 36 hours
Final hardening	14 days

FINAL PERFORMANCE	
Initial adhesion	2.2 N/mm²
Adhesion after heating	2.0 N/mm²
Adhesion after immersion in water	1.2 N/mm²
Adhesion after frost-thaw cycles	1.2 N/mm²
Deformability according to EN 12004	S1 - deformable > 2.5 mm
Resistance to humidity	excellent
Resistance to aging	excellent
Resistance to solvents and oils	excellent (poor with vegetable oils)
Resistance to alkali	poor

ADEBOND

Cementitious adhesive with extended open time for the installation of ceramic tiles.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2923025	25 kg bag	60 packages x 25 kg = 1500 kg	2.5 - 5 kg/m²
Grey	2937025	25 kg bag	60 packages x 25 kg = 1500 kg	2.5 - 5 kg/m²

01

PRODUCT FEATURES

- Single-component powder adhesive for the installation of tiles with medium porosity.
- Extended open and adjustment time, as well as excellent adhesion, spreadability and water retention.
- For indoor and outdoor use.
- For cementitious substrates.
- Classification **C1E** according to the European Norm **EN 12004**.
- Very low VOC emissions (class EC1 plus).

USE

- Installation of single and double fired wall and floor ceramic tiles with medium porosity.
- Installation on cementitious screeds and renders.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white / grey
Storage	12 months in the original packaging and in a dry place
Mixing ratio	6.7 - 6.8 l of water every 25 kg, white 6.2 - 6.4 l of water every 25 kg, grey
Pot life	over 8 hours
Mix volume mass	1.6 g/cm³
Mix pH	> 12
Application temperature	from +5°C to +35°C
Open time	> 30 minutes
Adjustment time	45 minutes
Ready for traffic	after 24 hours
Wall grouting	after 4 - 8 hours
Floor grouting	after 24 - 36 hours
Final hardening	after 14 days

FINAL PERFORMANCE	
Deformability:	
mixed with water	not deformable
mixed with LATEX EL 300	> 5.0 mm (S2)
Adhesion: dry	1.6 N/mm²
after heating	0.9 N/mm²
after immersion in water	1.2 N/mm²
after frost-thaw cycles	1.3 N/mm²

B 75 SPECIAL

Special cement-based adhesive with no vertical slip for ceramic tiles.



EN 12004
C1T
CEMENTITIOUS ADHESIVE WITH REDUCED SLIP



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2924525	23 kg bag	60 packages x 23 kg = 1380 kg	3.0 - 5.0 kg/m²

01

PRODUCT FEATURES

- Extra-white single-component powder adhesive based on white cement, Carrara marble powder, synthetic resins and additives.
- Null vertical slip, ideal for vertical application or with wide joint without spacers.
- For indoor and outdoor use.
- Excellent for the installation on cementitious screeds and renders.
- Classification **C1T** according to the European Norm **EN 12004**.

USE

- Installation of wall and floor ceramic tiles with high and medium porosity.
- Mixed with LATEX EL 300 completely replacing the water, it is particularly recommended for the installation of glassy and ceramic mosaics.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white / grey
Storage	12 months in the original packaging and in a dry place
Mixing ratio	7.3 - 7.6 l of water every 25 kg
Pot life	over 8 hours
Mix volume mass	1.6 g/cm³
Mix pH	> 12
Application temperature	from +5°C to +35°C
Open time	30 minutes
Adjustment time	> 15 minutes
Ready for traffic	after 24 hours
Wall grouting	after 4 - 8 hours
Floor grouting	after 24 - 36 hours
Final hardening	after 14 days

FINAL PERFORMANCE	
Deformability:	
mixed with water	not deformable
mixed with LATEX EL 300	> 5 mm (S2)
Adhesion: dry	1.3 N/mm²
after heating	0.6 N/mm²
after immersion in water	> 0.5 N/mm²
after frost-thaw cycles	> 0.5 N/mm²

ADEPLUS TIXO

Cementitious adhesive with extended open time, null vertical slip and excellent workability for the installation of ceramic tiles.



EN 12004
C1TE
SLIP RESISTANT CEMENTITIOUS ADHESIVE WITH EXTENDED OPEN TIME FOR CERAMICS

ALU PACK

SMALL PACK



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2912825	25 kg bag	60 packages x 25 kg = 1500 kg	2.5 - 5.0 kg/m²
Grey	2912925	25 kg bag	60 packages x 25 kg = 1500 kg	2.5 - 5.0 kg/m²
White	2912845A	4x5 kg box	32 packages x 4 x 5 kg = 640 kg	2.5 - 5.0 kg/m²
Grey	2912945A	4x5 kg box	32 packages x 4 x 5 kg = 640 kg	2.5 - 5.0 kg/m²

01

PRODUCT FEATURES

- Single-component cementitious adhesive for the installation of ceramic tiles.
- Null vertical slip and extended open time.
- Excellent adhesion and easy workability.
- For the indoor and outdoor installation on traditional substrates such as cementitious screeds and renders.
- Classified **C1TE** according to the European Norm **EN 12004**.

USE

- Installation of single and double fired wall and floor ceramic tiles with medium porosity.
- Installation on cementitious screeds and renders.

TECHNICAL DATA (at +23°C and 50% R.H.)

Appearance	powder
Colour	white / grey
Storage	12 months in the original packaging and in a dry place
Mixing ratio	6.4 - 6.6 l of water every 25 kg bag, white 6.3 - 6.8 l of water every 25 kg bag, grey 1.26 - 1.36 l of water every 5 kg bag, white 1.28 - 1.38 l of water every 5 kg bag, grey
Pot life	8 hours
Mix volume mass	1.55 g/cm³
Mix pH	> 12
Application temperature	from +5°C to +35°C
Open time	30 minutes
Adjustment time	45 minutes
Ready for traffic	after 24 - 36 hours
Wall grouting	after 4 - 8 hours
Floor grouting	after 24 - 36 hours
Final hardening	14 days

FINAL PERFORMANCE

Deformability:	
mixed with water	not deformable
Adhesion: dry	1.3 N/mm²
after heating	0.6 N/mm²
after immersion in water	0.8 N/mm²
after frost-thaw cycles	0.9 N/mm²

ADEPLUS

Cementitious adhesive with extended open time and excellent workability for the installation of ceramic tiles.



EN 12004
C1E
NORMAL SETTING CEMENTITIOUS ADHESIVE WITH EXTENDED OPEN TIME

GEV-EMICODE EC 1 PLUS very low emission



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2912225	25 kg bag	60 packages x 25 kg = 1500 kg	2 - 5 kg/m²
Grey	2912425	25 kg bag	60 packages x 25 kg = 1500 kg	2 - 5 kg/m²

PRODUCT FEATURES

- Single-component fine powder adhesive for the installation of tiles with medium porosity.
- Excellent adhesion, easy spreading, extended open and adjustability times.
- For indoor and outdoor use.
- For cementitious substrates.
- Classification **C1E** according to the European Norm **EN 12004**.
- Very low VOC emissions (class EC1 plus).

USE

- Installation of single and double fired wall and floor ceramic tiles with medium porosity.
- Installation on cementitious screeds and renders.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white/grey
Storage	12 months in the original packaging and in a dry place
Mixing ratio	7.3 - 7.6 l of water every 25 kg, white 6.8 - 7.2 l of water every 25 kg, grey
Pot life	over 8 hours
Mix volume mass	1.55 g/cm³
Mix pH	> 12
Application temperature	from +5°C to +35°C
Open time	> 30 minutes
Adjustment time	> 45 minutes
Ready for traffic	after 24 hours
Wall grouting	after 4 - 8 hours
Floor grouting	after 24 - 36 hours
Final hardening	after 14 days

FINAL PERFORMANCE	
Deformability:	
mixed with water	not deformable
mixed with LATEX EL 300	excellent
Adhesion: dry	1.3 N/mm²
after heating	0.6 N/mm²
after immersion in water	0.8 N/mm²
after frost-thaw cycles	0.9 N/mm²

E 50

Normal cementitious adhesive for the installation of ceramic tiles.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2926025	25 kg bag	60 packages x 25 kg = 1500 kg	2.5 - 5 kg/m²
Grey	2927025	25 kg bag	60 packages x 25 kg = 1500 kg	2.5 - 5 kg/m²

01

PRODUCT FEATURES

- Single-component powder adhesive based on cements, selected grain size aggregates and additives.
- Excellent smoothness and water retention.
- For indoor and outdoor use.
- For cementitious substrates.
- Classification **C1** according to the European Norm **EN 12004**.
- Very low VOC emissions (class EC1 plus).

USE

- Installation of single fired porous and double fired ceramic tiles.
- Installation on cementitious screeds and renders.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white / grey
Storage	12 months in the original packaging and in a dry place
Mixing ratio	6.5 - 7.0 l of water every 25 kg, white 6.0 - 7.0 l of water every 25 kg, grey
Pot life	6 - 8 hours
Mix volume mass	1.40 g/cm³
Mix pH	> 12
Application temperature	from +5°C to +35°C
Open time	> 15 minutes
Adjustment time	45 minutes
Ready for traffic	after 24 hours
Wall grouting	after 3 - 6 hours
Floor grouting	after 24 - 36 hours
Final hardening	after 14 days

FINAL PERFORMANCE	
Deformability	not deformable
Adhesion: dry	1.0 N/mm²
after heating	0.7 N/mm²
after immersion in water	0.6 N/mm²
after frost-thaw cycles	0.6 N/mm²

ADEFLEX T

Two-component waterproofing adhesive
for natural stones and ceramic tiles.



EN 12004
R2T
IMPROVED REACTION RESIN ADHESIVE WITH REDUCED SLIP



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	103510AD	10 kg (9.4+0.6) drum	48 packages x 10 kg = 480 kg	2.5 - 3.5 kg/m²
Grey	103610AD	10 kg (9.4+0.6) drum	48 packages x 10 kg = 480 kg	2.5 - 3.5 kg/m²

01

PRODUCT FEATURES

- Two-component epoxy-polyurethane adhesive, to be mixed at the application.
- Thixotropic, elastic, waterproof and easy to apply.
- Suitable for the installation of any tile on any substrate: metals, PVC, concrete, renders.
- For indoor and outdoor use.
- Classification **R2T** according to the European Norm **EN 12004**.

USE

- Interior and exterior installation of even large-sized ceramic tiles, mosaics, solid natural stones and marbles on floors and walls.
- Installation of agglomerate marbles on solid cementitious substrates.
- Installation of mosaics or ceramic tiles in showers and on working tops with wooden structure.
- Installation on deformable substrates or substrates subject to vibrations.

TECHNICAL DATA	(at +23°C and 50% R.H.)	
	Comp. A	Comp. B
Appearance	thick paste	fluid liquid
Colour	white / grey	transparent
Storage	24 months in the original packaging	
Mixing ratio	Comp. A: 94	Comp. B: 6
Pot life		30-40 minutes
Mix consistency		creamy
Mix volume mass		1.52 g/cm³
Application temperature		from +10°C to 30°C
Open time		50 minutes
Adjustment time		90 minutes
Initial setting time		6 hours
Final setting time		8 hours
Ready for traffic		after 12 hours
Grouting		after 12 hours
Final hardening		after 7 days

FINAL PERFORMANCE	
Deformability	high
Adhesion: dry	2.6 N/mm²
after heating	2.0 N/mm²
after frost-thaw cycles	2.4 N/mm²
Resistance: to solvents and oils	good
to acids and alkali	good
to temperature	from -40°C to +100°C

ADEFLEX MS

Hybrid installation adhesive, ready-for-use,
with rapid setting and high suction cup effect.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2463943AD	12-cartridge 290 ml cartridge	-	5 m seam/cartridge

01

PRODUCT FEATURES

- Ready-for-use, silylated polymer-based installation universal adhesive with high elastic module.
- Hybrid technology, free from silicone, isocyanates and solvents.
- Strong initial bonding due to the “suction cup effect” and its rapid hardening.
- It combines the best characteristics of neutral silicone sealants and polyurethane adhesives increasing performance and ease of use.
- Very low VOC emissions (class EC1 plus).

USE

- Installation of various elements in ceramic, stone, concrete and cement materials in general.
- Installation of sheets, plumbing and metal elements in general.
- Installation of sills, balconies and window sills.
- Installation of wood and wood derivatives.
- Installation of skirting boards, wooden and plastic wire covers, both rigid and flexible plastic components.
- Installation of glass and glassy materials.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	thixotropic paste
Colour	white
Storage	18 months (in the original packaging and in a dry place)
Volume mass	1.45 g/cm^3
Application temperature	from +5°C to +35°C
Operating temperature	from -40°C to +90°C
Adjustment time	5 minutes
Initial hardening	1.30 hours
Final hardening	24 - 48 hours

FINAL PERFORMANCE	
Ultimate elongation	200%
Final tensile strength	3.0 N/mm^2
Resistance to UV rays	excellent
Shore-A hardness	70±5

ADESINT

High performance paste adhesive
with null vertical slip and extended open time
for ceramic tiles.



EN 12004
D2TE
IMPROVED DISPERSION ADHESIVE WITH REDUCED SLIP AND EXTENDED OPEN TIME

GEV-EMICODE EC 1 PLUS very low emission



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE	
White	010305AD	5 kg drum	120 packages x 5 kg = 600 kg	on walls on floors	1.5 - 2.5 kg/m² 3 - 4 kg/m²

PRODUCT FEATURES

- Ready-for-use paste adhesive based on synthetic resins in water dispersion for indoor applications.
- Excellent adhesiveness and deformability.
- Suitable for the indoor bonding of thickness up to 5 mm.
- Classification **D2TE** according to the European Norm **EN 12004**.
- Very low VOC emissions (class EC1 plus).

USE

- Indoor and outdoor installation of ceramic tiles of any type (porcelain stoneware, double firing, single firing, klinker).
- Suitable for applications on cementitious substrates, gypsum substrates, wooden panels and wood composition panels.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	thick paste
Colour	white
Storage	24 months at temperatures higher than +5°C PROTECT AGAINST FROST
Volume mass	1.70 g/cm³
pH	8.5
Application temperature	from +5°C to +35°C
Open time	30 minutes
Adjustment time	40 minutes
Ready for traffic	after 12 - 24 hours
Grouting	after 12 - 24 hours
Final hardening	after 7 - 14 days

FINAL PERFORMANCE	
Deformability	high
Adhesion: dry	> 1 N/mm²
after heating	> 1 N/mm²
after the action of water	> 0.5 N/mm²

M 73

Paste adhesive with null vertical slip and extended open time for ceramic tiles.



EN 12004
D1TE
DISPERSION ADHESIVE WITH REDUCED SLIP AND EXTENDED OPEN TIME



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	010112AD	12 kg drum	72 packages x 12 kg = 864 kg	2 - 3 kg/m²

01

PRODUCT FEATURES

- Ready-for-use paste adhesive based on acrylic resins in water dispersion for indoor applications.
- Excellent adhesiveness and deformability. Suitable for the indoor bonding of thickness up to 5 mm.
- Classification **D1TE** according to the European Norm **EN 12004**.

USE

- Indoor and outdoor installation of ceramic tiles of any type (porcelain stoneware, double firing, single firing, klinker).
- Suitable for applications on absorbing substrates such as: gypsum-based renders, gypsum and brick gypsum prefabricated blocks, gypsum board and asbestos cement plates, cement-based renders, wooden panels.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	thick paste
Colour	white
Storage	24 months at temperatures higher than +5°C PROTECT AGAINST FROST
Volume mass	1.6 g/cm³
pH	9
Application temperature	from +5°C to +35°C
Open time	40 minutes
Adjustment time	60 minutes
Ready for traffic	after 24 - 48 hours
Grouting	after 24 hours
Final hardening	after 7 - 14 days

FINAL PERFORMANCE	
Deformability	high
Adhesion: dry	2.0 N/mm²
after heating	4.0 N/mm²
Operating temperature	from -30°C to +90°C

LATEX EL 300

Highly elasticizing and adhesion-promoting additive for cementitious adhesives.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE	LATEX EL 300	ADEBOND
-	097125AD	25 kg drum	24 packages x 25 kg = 600 kg	mosaics and small sizes	0.6 kg/m²	1.8 kg/m²
-	097105AD	5 kg drum	128 packages x 5 kg = 640 kg	standard sizes (up to 20x20 cm)	0.8 kg/m²	2.4 kg/m²
-				large sizes	1.3 - 1.5 kg/m²	3.6 - 4.5 kg/m²

PRODUCT FEATURES

- Synthetic latex, made up of a water dispersion of a highly flexible polymer that, mixed with cementitious adhesives, improves their adhesion, deformability and waterproofing on every substrate.
- The adhesive ADEBOND mixed with LATEX EL 300 becomes class **C2**, deformability **S2**.
- The adhesive B 75 SPECIAL mixed with LATEX EL 300 becomes class **C2**, deformability **S2** and is used for the installation of glassy mosaic.
- Very low VOC emissions (class EC1 plus).

USE

- Indoor and outdoor installation of any type of ceramic tiles, marbles, agglomerate and natural stones non-absorbing and without efflorescence (for white marbles use EXTRA 40 FAST white) for walls and floors.
- Installation of large-sized tiles.
- Installation on absorbing substrates or subject to movements and thermal and mechanical stresses.
- Installation of ceramic tiles in cold stores.
- Installation on heating floors.
- Installation on concrete prefabricated materials.
- Installation on old ceramic tiles, terrazzo tiles, natural stones and marble.
- Installation of ceramic tiles on deformable substrates (panels in gypsum board, reinforced concrete, asbestos cement).
- Installation of ceramic tiles on waterproofing substrates prepared with ADEPROOF membranes.

TECHNICAL DATA	**(at +23°C and 50% R.H.)**
Appearance	liquid
Colour	white
Storage	24 months in the closed original packaging PROTECT AGAINST FROST
Volume mass	1.03 g/cm³
pH	5-6
Brookfield viscosity	40 mPa.s
Flammability	no

APPLICATION DATA	**ADEBOND + LATEX EL 300**
Mixing ratio	1 part of LATEX EL 300 + 3 parts of ADEBOND
Pot life	8 hours
Mix volume mass	1.50 g/cm³
Mix pH	> 12
Application temperature	from +5°C to +35°C
Open time	20 - 30 minutes
Adjustment time	45 minutes
Ready for traffic	24 hours
Grouting	after 24 hours
Final hardening	after 14 days

FINAL PERFORMANCE	**mixed with ADEBOND**
Deformability	> 5 mm (S2)
Adhesion: dry	1.3 N/mm²
after heating	1.7 N/mm²
after immersion in water	1.0 N/mm²
after frost-thaw cycles	1.0 N/mm²
Resistance: to flexure	8.5 N/mm²
to compression	13.9 N/mm²

LATEX R 200

Elasticizing additive for cementitious pre-mixes with rapid setting.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
-	215110AD	10 kg drum	60 packages x 10 kg = 600 kg	depending on the coverage of the products it is mixed with

01

PRODUCT FEATURES

- Extremely elastic polymeric latex in water dispersion.
- The product EXTRA 40 FAST mixed with LATEX R 200 improves the deformability and adhesion while the other product features are unchanged.
- Very low VOC emissions (class EC1 plus).

USE

EXTRA 40 FAST mixed with LATEX R 200

- Indoor and outdoor floor and wall installation of even large-sized ceramic tiles, and non-absorbing natural stones.
- Installation on heating floors.
- Installation on deformable substrates (panels in gypsum board, asbestos cement).
- Installation on concrete prefabricated walls.
- Installation on façades, balconies and terraces.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	liquid
Colour	white
Storage	24 months in closed original packaging
Volume mass	1.04 g/cm³
pH	7
Brookfield viscosity	20 mPa.s
Flammability	no

APPLICATION DATA	EXTRA 40 FAST + LATEX R 200
Mixing ratio	EXTRA 40 FAST grey + 8.0 kg of LATEX R 200
	EXTRA 40 FAST white + 7.5 kg of LATEX R 200
Mix volume mass	1.55 g/cm³
Pot life	30 minutes
Application temperature	from 5°C to +30°C
Open time	10 - 15 minutes
Adjustment time	15 minutes
Ready for foot traffic	after 2 - 3 hours
Grouting	after 2 - 3 hours
Final hardening (on dry substrates)	after 24 days

FINAL PERFORMANCE	EXTRA 40 FAST + LATEX R 200
Deformability	> 5 mm (S2)
Adhesion: dry	2.5 N/mm²
after heating	2.3 N/mm²
after immersion in water	1.5 N/mm²
after frost-thaw cycles	1.2 N/mm²
Resistance: to compression	18.0 N/mm²
to flexure	8.0 N/mm²



JOINT GROUTING AND FLEXIBLE SEALING

02

FUGAMAGICA ZEROSEI MATERIA

High performance water-repellent cementitious decorative sealant with extremely fine grain for grouting ceramic tiles from 0 to 6 mm.
Colour, Cement, Wood and Stone Lines





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
See colour table on page 53		4x5 kg box	32 packages x 4 x 5 kg = 640 kg	See indications on page 59
See colour table on page 53		4x2 kg box	32 packages x 4 x 2 kg = 256 kg	See indications on page 59
See colour table on page 53		25 kg bag	24 packages x 25 kg = 600 kg	See indications on page 59

02

PRODUCT FEATURES

- Single-component water-repellent decorative sealant based on cement, selected aggregates, synthetic resins, water-repellent additives and coloured pigments.
- Easy to spread and clean, its formulation has been tested to facilitate grouting and cleaning of tiled surfaces.
- Smooth and velvety finish, for an aesthetic and tactile effect suitable for grouting high quality ceramic slabs.
- Resistant to UV rays, abrasion, alkalis and detergents, maintains its characteristics over time.
- Water-repellent and resistant to the formation of mildew.
- Efflorescence-preventing.
- Classification **CG2WA** according to the European Norm **EN 13888-1**.
- Very low VOC emissions (class EC1 plus).

USE

- Grouting of tiles with joint sized from 0 and 6 mm.
- Grouting of natural stones, not absorbent and not subject to efflorescence.
- When higher flexibility and water-proofing are required, it is recommended to mix FUGAMAGICA ZEROSEI MATERIA with the latex IMPER 21 replacing the water completely.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	fine powder
Colour	see colour table
Storage (5 kg bag)	24 months in the original packaging and in a dry place
Storage (25 kg bag)	12 months in the original packaging and in a dry place
Mixing ratio	1.3 - 1.4 l of water every 5 kg 6.5 - 7.0 l of water every 25 kg
Pot life	2 hours
Mix consistency	fluid and smooth paste
Mix volume mass	2.00 g/cm³

Mix pH	12
Application temperature	from +5°C to +35°C
Grouting: on walls	after 4 - 8 hours
on floors installed with adhesive	after 24 - 36 hours
on floors installed with grout	after 8 - 10 days
Joint cleanability with porous tiles	after 10 minutes
Joint cleanability on porcelain stoneware	after 15 minutes
Ready for traffic	after 24 hours
Resistance: to solvents and oils	good
to compression	30.0 N/mm²
to flexure	8.0 N/mm²
Water absorption	after 4 hours < 2%

COLOUR TABLE
FUGAMAGICA ZEROSEI MATERIA

Colours are approximate.

LEGNO

BETULLA
3RA7110345A 4x5 kg box

LARICE
3RA7110245A 4x5 kg box

ROVERE
3RA7110445A 4x5 kg box

OLMO
3RA7110745A 4x5 kg box

CASTAGNO
3RA7110645A 4x5 kg box

TEAK
3RA7110545A 4x5 kg box

MOGANO
3RA7130745A 4x5 kg box

IROKO
3RA7110945A 4x5 kg box

QUERCIA
3RA7110845A 4x5 kg box

WENGÉ
3RA7131845A 4x5 kg box

COLOUR

BURRO
3RA7150242A 4x2 kg box

MALDIVE
3RA050542A 4x2 kg box

BERMUDA
3RA7140642A 4x2 kg box

CONFETTO
3RA7150742A 4x2 kg box

PORTO
3RA7150442A 4x2 kg box

COLONIALE
3RA7140842A 4x2 kg box

CARAMEL
3RA7130645A 4x5 kg box

AVIO
3RA7150842A 4x2 kg box

UNIVERSO
3RA7140342A 4x2 kg box

SALVIA
3RA7150342A 4x2 kg box

CEMENTO

BIANCO
3RA7120042A 4x2 kg box
3RA7120045A 4x5 kg box

CALCE
3RA7111045A 4x5 kg box

GHIAIA
3RA7111145A 4x5 kg box

GRIGIO PERLA
3RA7120142A 4x2 kg box
3RA7120145A 4x5 kg box
3RA7120125 25 kg bag

MANHATTAN
3RA7120245A 4x5 kg box

STONE
3RA7150045A 4x5 kg box

LONDON
3RA7150145A 4x5 kg box

GRIGIO
3RA7120342A 4x2 kg box
3RA7120345A 4x5 kg box
3RA7120325 25 kg bag

ANTRACITE
3RA7120545A 4x5 kg box

CARBONE
3RA7150645A 4x5 kg box

PIETRA

JASMINE
3RA7130045A 4x5 kg box

BEIGE
3RA7130142A 4x2 kg box
3RA7130145A 4x5 kg box

VANILLA
3RA7130245A 4x5 kg box

SAHARA
3RA7130545A 4x5 kg box

GOBI
3RA7130345A 4x5 kg box

ASIA
3RA7130445A 4x5 kg box
3RA7130442A 4x2 kg box

ROCK
3RA7120445A 4x5 kg box

FANGO
3RA7120945A 4x5 kg box

SELCE
3RA7121845A 4x5 kg box

ARDESIA
3RA7121745A 4x5 kg box

FUGAMAGICA MATERIA POWER

Fast-drying, water-repellent, mould-resistant decorative sealant that maximises protection against the appearance of efflorescence.
For grouting ceramic tiles from 2 to 20 mm.





EN 13888-1 CG2FWA IMPROVED FAST-SETTING CEMENTITIOUS GROUT FOR JOINTS

RESISTANT TO MILDEW

WATER-REPELLENT

RAPID

GEV-EMICODE EC 1 PLUS very low emission

ALU PACK

S SMALL PACK

COLOR EVOLUTION

COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
See colour table on page 55		4x5 kg box	32 packages x 4 x 5 kg = 640 kg	See indications on page 59

02

PRODUCT FEATURES

- Powder product based on hydraulic binders, selected aggregates, synthetic resins, water-repellent additives, additives that prevent the formation of mould and coloured pigments.
- Fast product: short waiting times for cleaning and ready for use.
- Consistent colour thanks to its powerful action against efflorescence.
- Anti-mildew, preventing mildew from forming on the joint surface, so that tiled surfaces are healthy and hygienic.
- Water-repellent, contrasting the water passage, keeping substrates dry and joints cleaner.
- UV ray-resistant: colours do not fade nor change upon exposure to the light.
- It resists to alkali and detergents, keeping aspect unchanged in time.
- Easy to apply and fast to clean.
- Smooth, velvety finish.
- Classification **CG2FWA** according to the European Norm **EN 13888-1.**
- Very low VOC emissions (class EC1 plus).

USE

- Grouting of any type of tiles: porcelain stoneware tiles, porous ceramic tiles, natural stones, marble, mosaic with joints from 2 to 20 mm with smooth finishing.
- Especially recommended for grouting in swimming-pools, saunas, wellness centres, bathrooms and showers.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	fine powder
Colour	see colour table
Storage (5 kg bag)	24 months (in closed original packaging, dry conditions).
Mixing ratio	1.0 - 1.3 l of water every 5 kg depending on the colour
Mix consistency	fluid and smooth paste
Pot life	20 - 30 minutes
Mix volume mass	1.98 g/cm³
Application temperature	from +5°C to +35°C
Mix pH	approx. 11
Ready for traffic	3 hours
Ready for use	24 hours (48 hours for tubs and swimming-pools)

Wall joint grouting with normal adhesive	after 4 - 8 hours
Wall joint grouting with fast adhesive	after 1 - 2 hours
Floor joint grouting with normal adhesive	after 24 - 36 hours
Floor joint grouting with fast adhesive	after 3 - 4 hours
Joint cleanability	after 10 - 20 minutes

FINAL PERFORMANCE	(at +23°C and 50% R.H.)
Resistance to humidity	fair
Resistance to solvents and oils	good
Resistance to acids	poor
Resistance to compression	35.0 N/mm²
Resistance to flexure	9.0 N/mm²
Water absorption after 4 hours (EN 13888)	0.2 g

COLOUR TABLE
FUGAMAGICA MATERIA POWER

Colours are approximate.

LEGNO

BETULLA
3RB7110345A Scatola 4x5 kg

CASTAGNO
3RB7110645A Scatola 4x5 kg

QUERCIA
3RB7110845A Scatola 4x5 kg

WENGÈ
3RB7131845A Scatola 4x5 kg

CEMENTO

BIANCO
3RB7120045A Scatola 4x5 kg

GRIGIO PERLA
3RB7120145A Scatola 4x5 kg

MANHATTAN
3RB7120245A Scatola 4x5 kg

GRIGIO
3RB7120345A Scatola 4x5 kg

ANTRACITE
3RB7120545A Scatola 4x5 kg

CARBONE
3RB7150645A Scatola 4x5 kg

PIETRA

JASMINE
3RB7130045A Scatola 4x5 kg

BEIGE
3RB7130145A Scatola 4x5 kg

ASIA
3RB7130445A Scatola 4x5 kg

FANGO
3RB7120945A Scatola 4x5 kg

ARDESIA
3RB7121745A Scatola 4x5 kg

FUGAMAGICA 3-20 MATERIA TECH

Technical water-repellent cement-based sealant with coarse grain finish, for grouting 3-20 mm joints between ceramic tiles.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
See colour table on page 59		25 kg bag	24 packages x 25 kg = 600 kg	See indications on page 59
See colour table on page 59		4x5 kg box	32 packages x 4 x 5 kg = 640 kg	See indications on page 59

02

PRODUCT FEATURES

- Powder product based on cement, selected aggregates, synthetic resins, special additives and coloured pigments.
- Anti-mildew, preventing mildew from forming on the joint surface, so that tiled surfaces are healthy and hygienic.
- Water-repellent, contrasting the water passage, keeping substrates dry and joints cleaner.
- UV ray-resistant, colours do not fade nor change upon exposure to the light.
- Resistant to alkali and detergents, keeping aspect unchanged in time.
- Easy to apply and fast to clean.
- Classification **CG2WA** according to the norm **EN 13888-1**: the highest mechanical and performance features.
- Very low VOC emissions (class EC1 plus).

USE

- Grouting of porcelain stoneware tiles, porous ceramic tiles, natural stones with joints from 3 to 20 mm with coarse finishing.
- Especially recommended for grouting in swimming-pools, saunas, wellness centres, bathrooms and showers.
- For grouting outdoor floors and walls where higher waterproofing, flexibility and high mechanical resistance are required, FUGAMAGICA 3-20 MATERIA TECH shall be mixed with IMPER 21 replacing the water completely.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	coarse grain powder
Colour	grigio perla / grigio / antracite / jasmine / betulla
Storage (5 kg bag)	24 months in the original packaging and in a dry place
Storage (25 kg bag)	12 months in the original packaging and in a dry place
Mixing ratio	1.0 l of water every 5 kg 5.0 l of water every 25 kg
Pot life	2 hours
Mix consistency	fluid paste
Mix volume mass	2.00 g/cm³
Mix pH	12
Application temperature	from +5°C to +35°C
Grouting: on walls	after 4 - 8 hours
on floors installed with adhesive	after 24 - 36 hours
on floors installed with grout	after 8 - 10 days
Ready for traffic	after 24 hours
Resistance: to humidity	good
to solvents and oils	good
to acids	poor
to temperature	from -30°C to +80°C
to compression	30.0 N/mm²
to flexure	8.0 N/mm²

FUGAMAGICA 2-12

High performance cementitious sealant with medium grain for grouting ceramic tiles from 2 to 12 mm.



EN 13888-1
CG2WA
IMPROVED CEMENTITIOUS GROUT FOR JOINTS

GEV-EMICODE EC 1 PLUS very low emission

* ALU PACK

S SMALL PACK



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
See colour table on page 59		4x5 kg box	32 packages x 4 x 5 kg = 640 kg	See indications on page 59

02

PRODUCT FEATURES

- Single-component cement-based powder product, selected aggregates, synthetic resins, water-repellent additives and coloured pigments.
- Resistant to UV rays, alkalis and detergents, maintains its characteristics over time.
- Available in different colours, it keeps its colour unchanged over time thanks to the high quality of the pigments.
- Medium finishing.
- High resistance to abrasion.
- With low water absorption.
- Classification **CG2WA** according to the European Norm **EN 13888-1**.
- Very low VOC emissions (class EC1 plus).

USE

- Grouting of any tile with joint from 2 and 12 mm with medium grain finishing.
- Grouting of natural stones, not absorbent and not subject to efflorescence.
- For grouting outdoor floors and walls where waterproofing and flexibility are required, FUGAMAGICA 2-12 shall be mixed with IMPER 21 replacing the water completely.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	medium grain powder
Colour	beige / bianco / grigio / grigio perla / manhattan
Storage (5 kg bag)	24 months in the original packaging and in a dry place
Mixing ratio	1.2 - 1.3 l of water every 5 kg 6.0 - 6.5 l of water every 25 kg
Pot life	2 hours
Mix consistency	fluid paste
Mix volume mass	2.00 g/cm³
Mix pH	12
Application temperature	from +5°C to +35°C

Grouting: on walls	after 4 - 8 hours
on floors installed with adhesive	after 24 - 36 hours
on floors installed with grout	after 8 - 10 days
Ready for traffic	after 24 hours
Resistance: to humidity	good
to solvents and oils	good
to acids	poor
to compression	30.0 N/mm²
to flexure	8.5 N/mm²

FUGAMAGICA 0-4 MATERIA TECH

Technical cement-based sealant with ultra smooth finish and reduced water absorption, for grouting 0-4 mm joints between ceramic tiles.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
See colour table on page 59		25 kg bag	24 packages x 25 kg = 600 kg	See indications on page 59
See colour table on page 59		4x5 kg box	32 packages x 4 x 5 kg = 640 kg	See indications on page 59

02

PRODUCT FEATURES

- Single-component cement-based powder product, selected aggregates, synthetic resins, water-repellent additives and coloured pigments.
- Resistant to UV rays, alkalis and detergents, maintains its characteristics over time.
- It keeps its colour unchanged over time thanks to the high quality of the pigments.
- Ultra smooth finishing.
- High resistance to abrasion.
- With low water absorption.
- Classification **CG2WA** according to the European Norm **EN 13888-1.**
- Very low VOC emissions (class EC1 plus).

USE

- Grouting of installed tiles with joint sized from 0 and 4 mm.
- Grouting of natural stones, not absorbent and not subject to efflorescence.
- For grouting outdoor floors and walls where waterproofing and flexibility are required, FUGAMAGICA 0-4 MATERIA TECH shall be mixed with IMPER 21 replacing the water completely.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	fine powder
Colour	bianco / grigio perla / grigio / beige / betulla
Storage	24 months in the original packaging and in a dry place
Mixing ratio	1.7 l of water every 5 kg
Pot life	2 hours
Mix consistency	fluid paste
Mix volume mass	2.00 g/cm³
Mix pH	12
Application temperature	from +5°C to +35°C

Grouting: on walls	after 4 - 8 hours
on floors installed with adhesive	after 24 - 36 hours
on floors installed with grout	after 8 - 10 days
Ready for traffic	after 24 hours
Resistance: to humidity	excellent
to solvents and oils	excellent
to acids	good
to compression	30.0 N/mm²
to flexure	8.0 N/mm²

COLOUR TABLE

FUGAMAGICA 0-4 MATERIA TECH / FUGAMAGICA 2-12
FUGAMAGICA 3-20 MATERIA TECH

Colours are approximate.

BIANCO

GRIGIO PERLA

GRIGIO

BEIGE

BETULLA

JASMINE

MANHATTAN

ANTRACITE

FUGAMAGICA 0-4 MATERIA TECH

3V7120045A Bianco	4x5 kg box
3V7120145A Grigio Perla	4x5 kg box
3V7120345A Grigio	4x5 kg box
3V7130145A Beige	4x5 kg box
3V7110345A Betulla	4x5 kg box

FUGAMAGICA 2-12

3RC7130145A Beige	4x5 kg box
3RC7120045A Bianco	4x5 kg box
3RC7120345A Grigio	4x5 kg box
3RC7120145A Grigio Perla	4x5 kg box
3RC7120245A Manhattan	4x5 kg box

FUGAMAGICA 3-20 MATERIA TECH

3T7120145A Grigio Perla	4x5 kg box
3T7120125 Grigio Perla	25 kg bag
3T7120345A Grigio	4x5 kg box
3T7120325 Grigio	25 kg bag
3T7120545A Antracite	4x5 kg box
3T7120525 Antracite	25 kg bag
3T7130045A Jasmine	4x5 kg box
3T7110345A Betulla	4x5 kg box

FUGAMAGICA COVERAGE

TO CALCULATE THE QUANTITY OF PRODUCT REQUIRED, USE THE ONLINE CALCULATOR

APPLICATION CYCLE

FLOOR INSTALLATION AND GROUTING OF CERAMIC WOOD ON CEMENTITIOUS RENDER.

USED ADESITAL PRODUCTS:

- EXTRA 30
- EXTRA 30 POWER
- EXTRA 30 MAXI
- FUGAMAGICA ZEROSEI MATERIA

PRELIMINARY STEPS:

Before installing the material, check the consistency and the quality of the render as indicated in the norm UNI 11493.
After this step, choose a suitable notched trowel for applying the product.



01

Apply the correct quantity of adhesive, type **EXTRA 30**, **EXTRA 30 POWER** or **EXTRA 30 MAXI** spreading it with the suitable toothed squeegee.



02

Apply the tiles and beat them with the rubber hammer to ensure perfect wetting of their back side with the adhesive.



03

Once the tiles have been applied, wait for the adhesive to cure before grouting.



04

Mix the product **FUGAMAGICA ZEROSEI MATERIA** with the correct quantity of water and apply the obtained mix with a suitable rubber squeegee. Be careful not to leave gaps and press the material well inside the joints.



05

Clean the sealant when the excess grout film on the ceramic surface starts to dry. Use a damp sponge and clean water for cleaning the joints.

IMPER 21

Waterproofing and elasticizing additive for cementitious grouts.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
-	088125AD	25 kg drum	24 packages x 25 kg = 600 kg	depending on the sealant coverage
-	088105AD	5 kg drum	128 packages x 5 kg = 640 kg	depending on the sealant coverage
-	088131JAD	10 x 1 kg bundle	50 packages x 10 x 1 kg = 500 kg	depending on the sealant coverage

PRODUCT FEATURES

- Waterproofing and elasticizing liquid polymeric additive for cementitious joint grouts.
- Used to replace the water completely, it improves the mechanical resistance, waterproofing and flexibility of FUGAMAGICA grouts for tiles.

USE

FUGAMAGICA coloured sealants mixed with IMPER 21

- Grouting of floor tiles with large joints and subject to heavy traffic.
- Grouting of ceramic tiles installed on floors and walls outdoors or in swimming-pools.
- Grouting of tiles subject to weak chemical attack VETROSYSTEM mixed with IMPER 21
- Outdoor application of glass bricks.

TECHNICAL DATA	**(at +23°C and 50% R.H.)**
Appearance	liquid
Colour	white
Storage	24 months in the closed original packaging PROTECT AGAINST FROST
Volume mass	1.0 g/cm³
pH	10
	Mixing ratio
	100 parts of FUGAMAGICA 0- 4 MATERIA TECH every 35 parts of IMPER 21
	100 parts of FUGAMAGICA ZEROSEI MATERIA every 30 parts of IMPER 21
	100 parts of FUGAMAGICA 2- 12 every 28 parts of IMPER 21
	100 parts of FUGAMAGICA 3- 20 BIO MATERIA TECH every 20 parts of IMPER 21
Mix volume mass	1.90- 2.00 g/cm³
Mix pH	13
Pot life	2 hours
Application temperature	from +5°C to +35°C
Ready for traffic	after 24 hours
Resistance: to humidity	excellent
to temperature	excellent
to solvents and oils	excellent
Flexibility	good
Final hardening	after 14 days

ADEPOXY MATERIA

Decorating epoxy sealant for grouting ceramic and glassy materials. Ideal for grouting mosaics.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
See colour table on page 64		3 kg drum (Comp. A: 2.7 kg – Comp B: 0.3 kg)	120 packages x 3 kg = 360 kg	See indications on page 64

02

PRODUCT FEATURES

- Two-component grout, easy to work and cleaned off with water alone immediately after application.
- Resistant to chemical agents, abrasion, humidity and detergents, it maintains its colour and characteristics over time.
- It allows to obtain a totally smooth finish with translucid chromatic effect, non-absorbing, washable with high hygienic and aesthetic characteristics.
- It can be used even as adhesive for highly resistant mechanical and chemical bonding of ceramic and glass.
- Classification **RG** according to the European Norm **EN 13888-1**.
- Classification **R2T** according to the European Norm **EN 12004**
- Very low VOC emissions (class EC1 plus).

USE

- Bonding and grouting in walls where a high decorative value with semi-transparency effect is to be achieved.
- Rapid setting installation resistant to chemical agents of any type of ceramic tiles.
- Decorative grouting resistant to chemical agents of ceramic tile joints in floors and walls in working areas and food laboratories.
- Bonding and grouting in saunas, Turkish baths and swimming-pools with thermal or salty waters.
- Bonding of tiles and mosaics in fibreglass swimming-pools and on PVC.

TECHNICAL DATA	**(at +23°C and 50% R.H.)**	
	Comp. A	Comp. B
Colour	various	dark yellow
Volume mass	1.67 g/cm³	1.05 g/cm³
Solid residue	100%	100%
Brookfield viscosity	1,000,000 mPa.s	370,000 mPa.s
Storage	24 months in the original packaging at a temperature > +10°C PROTECT AGAINST FROST	

APPLICATION DATA		
Mixing ratio	9	1
Mix consistency		creamy paste
Mix volume mass		1.55 g/cm³
Pot life		45 minutes
Application temperature		from +12°C to +30°C
Open time		40 minutes
Adjustment time		60 minutes
Ready for traffic after		24 hours
Ready for use		4 days
Final hardening after		15 days

FINAL PERFORMANCE	
Initial adhesion	20.0 N/mm²
Adhesion after immersion in water	20.0 N/mm²
Adhesion after thermal shock	20.0 N/mm²
Resistance to compression	65.0 N/mm²
Resistance to flexure	45.0 N/mm²
Resistance to abrasion	100 (loss in mm³)
Water absorption	0.02 g
Resistance to humidity	excellent
Resistance to aging	excellent
Resistance to solvents and oils	very good
Resistance to acids and alkali	excellent
Operating temperature	from -20°C to +100°C

ADEPOXY MATERIA TECH

Technical epoxy sealant, with medium grain finish, for grouting tiles intended for a technical use.



EN 12004 R2 IMPROVED RESIN REACTION ADHESIVE FOR CERAMIC TILES

EN 13888-1 RG RESIN REACTION GROUT FOR JOINTS

GEV-EMICODE EC 1 PLUS Very low emission



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
See colour table on page 64		3 kg drum (Comp. A: 2.7 kg – Comp B: 0.3 kg)	120 packages x 3 kg = 360 kg	See indications on page 64

02

PRODUCT FEATURES

- Two-component epoxy grout, easy to clean with water alone immediately after application.
- Resistant to chemical agents, abrasion, humidity and detergents, it maintains its colour and characteristics over time.
- Totally smooth finish with translucid chromatic effect, non-absorbing, washable with high hygienic and aesthetic characteristics.
- It can be used even as adhesive for highly resistant mechanical and chemical bonding of ceramic and glass.
- Very low VOC emissions (class EC1 plus).

USE

- Grouting in walls where a high decorative value with semi-transparency effect is to be achieved.
- Rapid setting bonding resistant to chemical agents of any type of ceramic tiles.
- Decorative grouting resistant to chemical agents of ceramic tile joints in floors and walls in working areas and food laboratories.
- Bonding and grouting in saunas, Turkish baths and swimming-pools with thermal or salty waters.
- Bonding of tiles and mosaics in fibreglass swimming-pools and on PVC.

TECHNICAL DATA (at +23°C and 50% R.H.)	Comp. A	Comp. B
Appearance	paste	paste
Colour	various	dark yellow
Volume mass	1.85 g/cm³	0.98 g/cm³
Solid residue	100%	100%
Brookfield viscosity	1,200,000 mPa.s	250,000 mPa.s
Storage	24 months in the original packaging at a temperature > +10°C PROTECT AGAINST FROST	

APPLICATION DATA		
Mixing ratio	9	1
Mix consistency		creamy paste
Pot life		45 minutes
Mix volume mass		1.60 g/cm³
Application temperature		from +12°C to +30°C
Open time		30 minutes
Adjustment time		60 minutes
Ready for traffic		after 24 hours
Ready for use		after 4 days
Final hardening		15 days

FINAL PERFORMANCE	
Initial adhesion	2.0 N/mm²
Adhesion after immersion in water	2.0 N/mm²
Adhesion after thermal shock	2.0 N/mm²
Resistance to compression	49.0 N/mm²
Resistance to flexure	38.0 N/mm²
Resistance to abrasion	145 (loss in mm³)
Resistance to humidity	excellent
Resistance to aging	excellent
Resistance to solvents and oils	very good
Resistance to acids and alkali	excellent
Water absorption	0.05 g
Operating temperature	from -20°C to +100°C

COLOUR TABLE

ADEPOXY MATERIA - ADEPOXY MATERIA TECH

Colours are approximate.

ANTRACITE

GRIGIO PERLA

BEIGE

BIANCO

GRIGIO

JASMINE

TEAK

WENGÉ

CARBONE

TRASLUCIDO

ADEPOXY MATERIA

5K11403AD	Antracite	3 kg drum
5K13203AD	Beige	3 kg drum
5K79903AD	Bianco	3 kg drum
5K73803AD	Carbone	3 kg drum
5K11303AD	Grigio	3 kg drum
5K11103AD	Grigio Perla	3 kg drum
5K13003AD	Jasmine	3 kg drum
5K14203AD	Teak	3 kg drum
5K70003AD	Traslucido	3 kg drum
5K14603AD	Wengé	3 kg drum

ADEPOXY MATERIA TECH

6311403AD	Antracite	3 kg drum
6313203AD	Beige	3 kg drum
6310003AD	Bianco	3 kg drum
6311303AD	Grigio	3 kg drum
6311103AD	Grigio perla	3 kg drum

Colours are approximate.

ADEPOXY COVERAGE

TO CALCULATE THE QUANTITY OF PRODUCT REQUIRED, USE THE ONLINE CALCULATOR

APPLICATION CYCLE

GROUTING OF A GLASSY MOSAIC IN HUMID SETTINGS WITH HEAVY TRAFFIC. FOR GROUTING CERAMIC AND GLASSY MATERIALS.

USED ADESITAL PRODUCTS:

- ADEPOXY MATERIA
- ADEPOXY MATERIA TECH

CAUTION:

ADEPOXY MATERIA and ADEPOXY MATERIA TECH can be cleaned after the hardening only mechanically, with severe risk for the surface of the installed material.



01

Pour the component B in the component A. The two components are already prebatched in the correct ratio to be followed also when only one part of the original package is to be used.



02

Carefully mix the two components preferably by a mechanical mixer with slow speed till getting a homogeneous colour.



03

ADEPOXY MATERIA or **ADEPOXY MATERIA TECH** is easily applied in the joints with stiff rubber or steel squeegee, completely filling the joint volume. Remove the excess by a stiff rubber squeegee used diagonally on the joints.



04

Cleaning must be made with the product “still wet” within 30 minutes from the application, with a sponge dampened with water, rubbing till residues are completely removed and caring not to empty the joints (replace the sponge when it is too much impregnated with resin).



05

The part emulsified in water can be collected with a rubber rake, paying attention not to wet the joints still to be filled. Final cleaning is made with water and alcohol when hardening starts and before it is completed. Hardening starts after about 40 minutes and after 24 hours the surface is set to light foot traffic.
A good resistance to chemicals is already achieved after 3 - 4 days.

ADESIL MATERIA

Solvent-free silicone sealant with acetic cross-linking.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
See colour table on page 67		12-cartridge 310 ml cartridge	-	See indications on page 67

02

PRODUCT FEATURES

- Ready-for-use paste sealant based on silicone resins with acetic cross-linking, with excellent sealing capacity, elasticity and adhesiveness.
- Resistant to the formation of mildew.
- CE marked according to European Norms **EN 15651-1**, **EN 15651-2**, **EN 15651-3**.
- Very low VOC emissions (class EC1 plus).

USE

- Sealing of ceramic tiles and sanitaryware with colours matched to floor and wall joints not subject to strong abrasion.
- Flexible joint sealing between glass, glass and glazed ceramic, ceramic.
- Flexible joint sealing between glass and metal, metal and metal.
- The surfaces to be treated must be perfectly clean, dry and degreased. It is applied exclusively by the suitable gun.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	thick paste
Colour	see colour table
Storage	24 months in the original packaging in a dry place
Application temperature	from -10°C to +40°C
Workability time	10 minutes outdoors
Hardening	1 week with thickness 4 mm 1 week with thickness 10 mm
Volume mass	1.03 g/cm³
Shrinkage	-3.5%
Elongation	800%
Shore-A hardness	20

COLOUR TABLE
ADESIL MATERIA

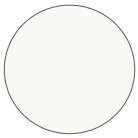
Colours are approximate.


ANTRACITE
3BV7120542

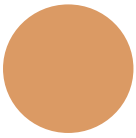

ARDESIA
3BV7121742


ASIA
3BV7130442

BETULLA
3BV013242


BIANCO
3BV7120042


BURRO
3BV7150242


CARAMEL
3BV7130642


CARBONE
3BV7150642


CASTAGNO
3BV7110642

GHIAIA
3BV7111142


GRIGIO
3BV7120342

GRIGIO PERLA
3BV7120142

JASMINE
3BV7130042

LARICE
3BV7110242


LONDON
3BV7150142


MANHATTAN
3BV7120242


MOGANO
3BV7130742


OLMO
3BV7110742


QUERCIA
3BV7110842


SELCE
3BV7121842


TEAK
3BV7110542


TRASLUCIDO
3BV7199942

VANILLA
3BV7130242


WENGÈ
3BV7131842

ADESIL COVERAGE

TO CALCULATE THE QUANTITY OF PRODUCT REQUIRED, USE THE ONLINE CALCULATOR

ADESIL P MATERIA TECH

Rapid solvent-free polyurethane adhesive and sealant, paintable.
Certified according to the norms **EN 15651-1** and **EN 15651-4.**





RAPID

CE
EN 15651

GEV-EMICODE EC 1 PLUS very low emission

COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grigio	6PG011343AD	12-cartridge box, 300 ml	-	See indications on page 67

02

PRODUCT FEATURES

- Polyurethane-based adhesive and sealant
- Its thixotropy, great durability and high elastic module make it the ideal product for sealing expansion and fractioning joints on difficult surfaces, both horizontal and vertical.
- Ready-to-use, it can be painted when properly cured.
- As adhesive, it is suitable for applications on the most common building materials, both indoors and outdoors, and it has a low environmental impact being solvent-free.
- Very low VOC emissions (class EC1 plus).

USE

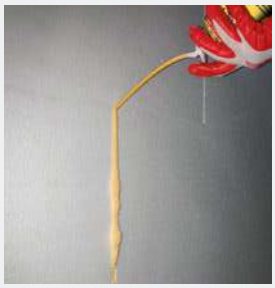
- Sealing of industrial, warehouse and shopping center flooring or concrete flooring in indoor and outdoor car parks.
- Sealing of flooring subject to heavy loads such as heavy vehicles and forklifts.
- Indoor and outdoor sealing where a high-strength thixotropic product is required.
- Sealing of pipes, sheet metal and joints in general.
- Bonding of stoneware, klinker and ceramics in general, bricks, foam concrete, gypsum, cement and derivatives.
- Bonding of metals such as steel, copper, aluminium and difficult materials such as glass, mirrors, wood and pre-painted surfaces.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	thixotropic paste
Colour	bianco, grigio perla, grigio, nero
Storage 12 months	(in the original packaging and in a dry place)
Volume mass	1.39 g/cm^3
Application temperature	from +5°C to +35°C
Final hardening	24 hours: thickness 3.3 mm 48 hours: thickness 5.2 mm 7 days: thickness 8.5 mm
Adjustment time	6 minutes

FINAL PERFORMANCE	
Elastic module	0.7 N/mm^2
Shore-A hardness	40
Tensile strength	3.8 N/mm^2
Ultimate elongation	700%
Allowed operating elongation	20%
Resistance to UV rays	excellent

ADESIL P SCHIUMA

Self-expanding polyurethane foam for filling and thermo-acoustic insulation.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Yellow	0641342	12-cartridge Can, 750 ml	-	depending on the filling dimensions

PRODUCT FEATURES

- Self-expanding, single-component polyurethane foam totally CFC-free and therefore not ozone depleting.
- It expands quickly and hardens in a short time, creating a stable structure with excellent mechanical properties.
- The closed-cell structure of the hardened product has high thermal and acoustic insulation properties.
- After hardening it can be cut, polished, drilled and shaped as required.

USE

- Sealing, filling and insulating gaps and interruptions in numerous construction details.
- Filling frame-counterframe-wall interstices when installing doors, shutter boxes, windows and doors in general.
- Completing construction details of roofs and roofing, gaps between different materials.
- Insulating cracks and construction details in over-coated insulation or elements of air conditioning, plumbing or refrigeration systems.
- Tight sealing of forms for fluid concrete casting.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	creamy
Colour	yellow
Volume mass	22 kg/m^3
Storage	18 months (in original packaging kept upright, in a protected and dry place, at a temperature between +10°C and +25°C)
Application temperature	from +5°C to +30°C
Ideal package temperature	from +20°C to +25°C
Min. time for cutting hardened foam (ϕ 20 mm at +20°C and 60% R.H.)	25 – 30 minutes
Flammability class	B3

FINAL PERFORMANCE	
Operating temperature	from -40°C to +90°C
Complete hardening time	1.5 - 5 hours
Free expansion	30 l
Resistance to compression	4.5 N/ cm ^{2}
Tensile strength	7.5 N/cm^2
Ultimate elongation	25%
Shrinkage	1%
Water absorption after 24 hours	1%
Thermal conductivity	0.039 W/m*K
Sound insulation	58 dB

SILFLEX P

Pourable polyurethane sealant for expansion joints.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Dark grey	6PN011305AD	5 kg drum	-	See indications below (QR code)

02

PRODUCT FEATURES

- Two-component polyurethane sealant, self-levelling and easy to apply with excellent flexibility.
- After the hardening it becomes an elastic rubber, water and heat resistant with excellent mechanical resistance features.
- Ideal for sealing flexible joints in industrial floors and car parks.
- For indoor and outdoor use.

USE

- Sealing of sectioning joints in concrete floors, car parks and industrial buildings, requiring a high resistance to heavy traffic and to chemicals.
- Sealing of flexible joints in ceramic floors subject to heavy traffic, such as malls, sidewalks, squares, etc.
- Waterproof membrane for floors of bathrooms and showers to be ceramic tiled.
- Waterproof and vapour-proof flexible membrane, ready for traffic, for floors and surfaces subject steadily to water.

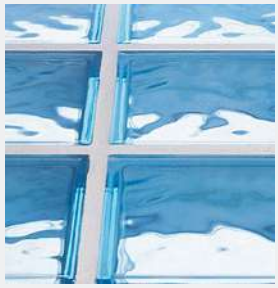
TO CALCULATE THE QUANTITY OF PRODUCT REQUIRED, USE THE ONLINE CALCULATOR

TECHNICAL DATA	(at +23°C and 50% R.H.)	
	Component A	Component B
Appearance	thick paste	fluid liquid
Colour	grigio paglierino	transparent
Volume mass	1.5 g/cm³	0.92 g/cm³
Mixing ratio	47	3
Storage	24 months in the original packaging and in a dry place	
Pot life	40 - 45 minutes	
Mix consistency	pouring liquid	
Mix Brookfield viscosity	20,000 mPa.s	
Mix volume mass	1.48 g/cm³	
Application temperature	from +10°C to 30°C	
Initial setting time	8 hours	
Final setting time	9 hours	
Ready for traffic	after 24 - 36 hours	
Final hardening	after 3 days	

FINAL PERFORMANCE	
Shore-A hardness	65
Tensile strength	2.2 N/mm²
Operating elongation	max. 5%
Ultimate elongation	180%
Deformability	excellent
Resistance: to abrasion and humidity	excellent
to aging	excellent
to solvents and oils	good
to acids and alkali	good

VETROSYSTEM

Self-grouting adhesive for the installation and simultaneous grouting of glass bricks.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2957045A	4x5 kg box	36 packages x 4 x 5 kg = 720 kg	0.5 kg every glass brick

PRODUCT FEATURES

- Single-component powder product based on special cements, selected graded quartz, synthetic resins and additives.
- Specific for the installation of glass blocks.

USE

- Indoor installation of glass bricks to form vertical walls.
- For the outdoor installation, mix VETROSYSTEM with the latex IMPER 21 replacing the water completely.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white
Storage	24 months in the original packaging and in a dry place
Mixing ratio	1.2 l of water every 5 kg
Pot life	45 minutes
Mix consistency	thick paste
Mix volume mass	1.4 g/cm³
Mix pH	> 12
Application temperature	from +5°C to +35°C
Adjustment time	40 minutes
Final hardening	after 14 days

FINAL PERFORMANCE	
Resistance: to compression	13.0 N/mm²
to flexure	6.5 N/mm²
to humidity	excellent

ADESIT CLEAN

Acid de-fouling cleaner.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
-	1150405AD	5 l drum	128 packages x 5 kg = 640 kg	depends on the toughness
-	1150431AD	10-bottle box, 1 l	50 packages x 10 x 1 kg = 500 kg	depends on the toughness

02

PRODUCT FEATURES

- Acid cleaner for ceramic tiles.
- Recommended for removing efflorescence, residues of lime, adhesives, cement, etc. on ceramic and terracotta floors.
- Do not use on marbles, calcareous stones and polished floors.

USE

- Cleaning traces of cement, lime, adhesives, calcareous efflorescence, residues of cementitious grouts from the surfaces of ceramic tiles and glassy mosaics on floors and walls.
- Cleaning terracotta before the final surface treatment.
- Note: before the application make sure the surfaces to be cleaned are acid-resistant.

TECHNICAL DATA	**(at +23°C and 50% R.H.)**
Appearance	liquid
Colour	transparent
Storage	24 months in the original packaging
Volume mass	1.10 g/cm^3
pH	1.1

APPLICATION DATA	
Min. application temperature	from +3°C to +40°C
Waiting time before rinsing	5 minutes



FACADE RESTORATION

03

ADEGROUT MAXI

Coarse anti-shrinkage fibre-reinforced thixotropic grout with standard setting for the restoration of concrete.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey	137125AD	25 kg bag	50 packages x 25 kg = 1250 kg	19 kg/m² every cm of thickness

03

PRODUCT FEATURES

- Single-component, anti-shrinkage, fibre-reinforced cementitious grout for structural repairs.
- High mechanical characteristics comparable to those of high quality concrete.
- Excellent workability, adhesion and thixotropy.
- Thickness from 10 to 40 mm each coat, for max. two applications.
- Suitable for structural repairs where a high performance thixotropic grout is required.
- Classification **R4-PCC** according to the European Norm **EN 1504-3**.
- Very low VOC emissions (class EC1 plus).

USE

- Structural repair of deteriorated horizontal and vertical concrete bearing elements.
- Cortical restoration of pillars, balcony sills, floors.
- Rebuilding of iron covering layer on reinforced concrete structures.
- Filling of rigid joints between concrete elements.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	grey
Storage	12 months in the original packaging and in a dry place
Grain size	2.5 mm
Mixing ratio	3.8 - 4.1 l of water every 25 kg
Pot life	60 minutes
Waiting time between coats	max. 4 hours
Coat thickness	40 mm
Min. thickness	10 mm
Applicability	excellent
Workability	excellent
Application temperature	from +5°C to +35°C

FINAL PERFORMANCE	
Adhesion on concrete (28 days)	> 2.0 N/mm²
Resistance to compression (28 days)	> 60.0 N/mm²
Resistance to flexure (28 days)	> 8.5 N/mm²

ADEGROUT FLUIDO

Fluid anti-shrinkage fibre-reinforced grout
for the structural restoration of concrete.



EN 1504-3 R4-CC

EN 1504-6

GEV-EMICODE EC 1 PLUS very low emission



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey	137525AD	25 kg bag	50 packages x 25 kg = 1250 kg	21 kg/m² every cm of thickness

PRODUCT FEATURES

- Single-component fibre-reinforced grout based on special cements, selected aggregates, resins, fluidizing and anti-shrinkage additives.
- High mechanical performance and high resistance to carbonation.
- High fluidity without segregation, suitable for restoring and reinforcing reinforced concrete even with complex geometry, by pouring in forms.
- With very good compacting in the forms even without vibration.
- Thickness up to 4 cm; for higher thickness, it is recommended to add grain size aggregates suitable for the relevant intervention, in a percentage from 30% to 50% of the product weight and with insertion of suitable reinforcement at half the thickness connected to the existing old reinforcement.
- Classification **R4-CC** according to the European Norm **EN 1504-3**.
- It is conform to the European Norm **EN 1504-6.**
- Very low VOC emissions (class EC1 plus).

USE

- Restoration of cement and reinforced concrete structures where a pourable grout is recommended because of complex geometry.
- Section increases in bearing structures.
- Structural restoration of horizontal and vertical concrete surfaces.
- Re-building of the useful layer on old slabs after removing deteriorated parts.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	grey
Storage	12 months in the original packaging and in a dry place
Grain size	2.5 mm
Mixing ratio	3.3 - 3.5 l of water every 25 kg
Mix consistency	fluid
Pot life	60 minutes
Max. applicable thickness	4 cm
Grout fluidity value (EN 13395- 2)	> 45 cm
Mix volume mass	2.35 g/cm³
Application temperature	from +8°C to +35°C

FINAL PERFORMANCE	
Adhesion on concrete after 28 days	> 2.0 N/mm²
Resistance to compression:	
after 1 day	30.0 N/mm²
after 28 days	75.0 N/mm²
Resistance to flexure:	
after 1 day	6.0 N/mm²
after 28 days	12.0 N/mm²

APPLICATION CYCLE

MECHANICAL REINFORCEMENT OF A PILLAR FOR REINFORCED CONCRETE WALLS.

USED ADESITAL PRODUCTS:

- ADEFER
- ADEGROUT FLUIDO



01
Removal of deteriorated parts.



02
Iron preparation.



03
ADEFER **application.**



04
Form positioning and substrate wetting.



05
Pouring of the **ADEGROUT FLUIDO** grout in the form.



06
Form removal.

ADEGROUT TISSOTROPICO

Fine anti-shrinkage fibre-reinforced thixotropic grout with standard setting for the cortical restoration of concrete.



CE EN 1504-3 R3-CC

GEV-EMICODE EC 1 PLUS very low emission



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey	2911025	25 kg bag	60 packages x 25 kg = 1500 kg	19 kg/m² every cm of thickness

03

PRODUCT FEATURES

- Single-component, anti-shrinkage, fibre-reinforced cementitious grout for structural and cortical repairs.
- Excellent workability, thixotropy and adhesiveness on the suitably prepared old concrete.
- Thickness from 10 to 40 mm each coat, for max. two applications.
- It can be directly float-finished for a white coat finishing.
- Suitable for most structural and cortical restoration operations.
- Classification **R3-CC** according to the European Norm **EN 1504-3**.
- Very low VOC emissions (class EC1 plus).

USE

- Restoration of deteriorated horizontal and vertical concrete structures.
- Cortical restoration of pillars, beams, balcony sills, floors, steps, string-course bands.
- Patches of cement floors.
- Filling of rigid joints between concrete elements.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	grey
Storage	12 months in the original packaging and in a dry place
Grain size	1 mm
Mixing ratio	4.9 - 5.1 l of water every 25 kg
Pot life	60 minutes
Mix consistency	plastic-thixotropic
Mix volume mass	2.0 g/cm³
Mix pH	> 12
Waiting time between coats	max. 3 hours
Coat thickness	40 mm
Min. thickness	5 mm

Workability	excellent
Application temperature	from +5°C to +35°C

FINAL PERFORMANCE	
Adhesion on concrete (28 days)	> 1.0 N/mm²
Resistance to compression (28 days)	40.0 N/mm²
Resistance to flexure (28 days)	> 7.0 N/mm²

ADEGROUT TIXO RAPIDO

NEW

Rapid setting thixotropic cementitious grout with compensated shrinkage for the cortical restoration of concrete.
It can be applied in thickness from 2 to 40 mm in a single coat.



CE
EN 1504-3
R3-CC

RAPID



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey	2911425	25 kg bag	50 packages x 25 kg = 1250 kg	18.5 kg/m²

03

PRODUCT FEATURES

- Single-component, rapid setting cementitious grout based on special cements, selected fine grain aggregates, resins and anti-shrinkage additives.
- It is featured by an excellent application and thixotropy.
- It allows thickness from 2 to 40 mm in a single coat with white coat finishing degree.
- Suitable for structural and cortical repairs where a rapid setting grout is required.
- Classification **R3-CC** according to the European Norm **EN 1504-3.**

USE

- Surface restoration of beams, pillars, curtain panels in concrete.
- Restoration of risers of cornices, balconies, under-balconies and string-course bands.
- Levelling of small surfaces with white coat finishing degree.
- Rapid anchoring of traps, grates, etc.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	grey
Powder volume mass	1.3 g/cm³
Storage	12 months (in the original packaging and in a dry place)
Mixing ratio	3.5 - 3.6 l of water every 25 kg bag
Pot life	15 minutes
Application temperature	from +5°C to +35°C
Mix pH	> 12
Coat thickness	40 mm
Min. applicable thickness	2 mm
Setting time	+23°C start 10 minutes - end 15 minutes +5°C start 15 minutes - end 25 minutes
Waiting time for the painting	4-6 hours

FINAL PERFORMANCE	
Adhesion on concrete:	
after 28 days	> 1.5 N/mm²
Resistance to compression:	
after 24 hours	> 15.0 N/mm²
after 28 days	> 35.0 N/mm²
Resistance to flexure:	
after 24 hours	> 4.0 N/mm²
after 28 days	> 7.0 N/mm²
Resistance to accelerated carbonation EN 13295	Specification passed (depth of carbonation ≤ UNI 1766 reference concrete)

APPLICATION CYCLE

RESTORATION OF DETERIORATED AND REINFORCED CONCRETE ON A RISER.

USED ADESITAL PRODUCTS:

- ADEFER
- ADEGROUT MAXI
- ADEGROUT TISSOTROPICO
- ADEGROUT TIXO RAPIDO
- ADEGROUT MONOSTRATO R4
- ADEPLAN RD 80



01

Carefully clean the reinforcing irons removing every trace of rust and all loose parts.



02

Apply by brush an even coat of anti-corrosive grout **ADEFER.**



03

Wet the substrate and apply the restoration grout **ADEGROUT TISSOTROPICO, ADEGROUT TIXO RAPIDO, ADEGROUT MONOSTRATO R4** or **ADEGROUT MAXI,** without leaving gaps.



04

Level the applied grout by float finishing.



05

To smooth and protect the surface, level with **ADEPLAN RD 80**.



06

In hot climates, keep the finished surface wet for a few days.

ADEGROUT MONOSTRATO R4

NEW

Fast-setting, fiber-reinforced, structural, thixotropic and cementitious grout of class R4, with compensated shrinkage, for the restoration and levelling of concrete, to be applied in a thickness from 3 to 40 mm in a single coat





CE EN 1504-3 R4-CC

CE EN 1504-2 (C) MC-IR

RAPID

GEV-EMICODE EC 1 PLUS very low emission

COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey	2653825AD	25 kg bag	50 packages x 25 kg = 1250 kg	17 kg/m²

03

PRODUCT FEATURES

- Single-component thixotropic cementitious grout, composed of special hydraulic binders with high reactivity, selected aggregates with fine grain size, synthetic fibres made of polyacrylonitrile, synthetic polymers and special additives.
- The product has excellent fatigue behaviour, which gives the restored elements high resistance to cracking, even under dynamic stresses caused by normal operating conditions.
- It allows thickness from 3 to 40 mm in a single coat.
- To be applied with a trowel or squeegee.
- It hardens without shrinkage and is featured by excellent adhesion to concrete substrates.
- Classification **R4-CC** according to the European Norm **EN 1504-3** and **MC-IR** according to the European Norm **EN 1504-2.**
- Very low VOC emissions (class EC1 plus).

USE

- Structural restoration and levelling of horizontal and vertical concrete surfaces, indoors and outdoors.
- Suitable for the restoration of structures exposed to air and in permanent contact with water.
- Rapid restoration of degraded concrete in beams, pillars, curtain panels, cornices, balcony risers and structural elements requiring a grout with high mechanical performance.
- Rapid correction of defects in concrete castings, such as deep gravel pockets, spacer holes and new-on-old bonding, prior to painting.
- Repair of prefabricated concrete elements.
- Restoration of concrete damaged by oxidation of reinforcing irons.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	grey
Grain size	≤ 0.4 mm
Storage	12 months (in the original packaging and in a dry place)
Mixing ratio (every bag)	4.4 – 4.65 l (equivalent to 18% water by weight)
Mix consistency	thixotropic - spreadable
Pot life	about 10 minutes (+20°C)
Mix volume mass	2.0 g/cm³
Application temperature	from +5°C to +35°C
Max. coat thickness	40 mm
Min. coat thickness	3 mm
Applicability	excellent
Workability	excellent
Setting time	start 20 minutes - end 30 minutes

FINAL PERFORMANCE	
Direct tensile adhesion on concrete after 28 days (EN 1542)	≥ 2.0 N/mm²
Thermal compatibility measured with frost-thaw cycles (EN 13687-1) (after 50 cycles)	≥ 2.0 N/mm²
Resistance to compression after 28 days	≥ 45.0 N/mm²
Resistance to flexure after 28 days	≥ 8.0 N/mm²
Compression elastic module (after 28 days)	24000 N/mm²

ADEGROUT MONOSTRATO

Single-layer cementitious grout for the final restoration and levelling of concrete in one single passage.
Fibre-reinforced, thixotropic, with rapid setting and very low emission of VOC (class EC1 plus).





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey	265325AD	25 kg bag	50 packages x 25 kg = 1250 kg	15 kg/m² every cm of thickness

PRODUCT FEATURES

- Single-component, rapid setting fibre-reinforced cementitious grout based on special cements, selected fine grain aggregates, resins and anti-shrinkage additives.
- The mix is featured by an excellent workability and thixotropy for the final repair and levelling in one single passage, with white coat finishing.
- It enables thickness coats from 3 mm to 40 mm.
- Ideal for rapid repair and levelling of concrete.
- Classification **R2-PCC** according to the European Norm **EN 1504-3** and **MC-IR** according to the European Norm **EN 1504-2**.
- Very low VOC emissions (class EC1 plus).

USE

- Rapid surface restoration of edges in beams, pillars, curtain panels in concrete.
- Repair and levelling of risers of cornices, balconies, under-balconies and string-course bands.
- Rapid setting levelling of small surfaces.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	grey
Volume mass	1.2 g/cm³
Grain size	> 0.4 mm
Solid residue	100%
Storage	12 months in the original packaging and in a dry place
Safety	Please check the information on the package and on the Safety Sheet

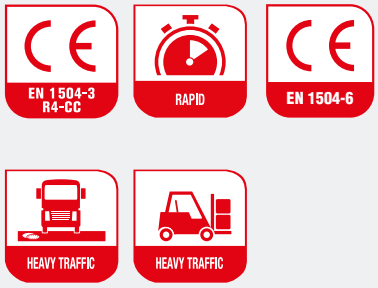
APPLICATION DATA:	
Mixing ratio	4.4 - 4.6 l of water every 25 kg
Mix consistency	plastic-thixotropic-spreadable
Mix pH	12
Mix volume mass	1.8 g/cm³
Application temperature	from +5°C to +35°C
Pot life	15 minutes
Coat thickness	40 mm
Min. thickness	3 mm
Applicability	excellent
Workability	excellent
Setting time +23°C	start 15 minutes - end 30 minutes

FINAL PERFORMANCE	
Adhesion on concrete after 28 days	≥ 1.5 N/mm²
Thermal compatibility measured as for adhesion, with frost-thaw cycles	≥ 1.5 N/mm²

ADEGROUT TRAFFIC

Fluid anti-shrinkage grout with rapid setting for restoring industrial concrete floors, fixing road traps and street furniture.







COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Beige	265525AD	25 kg bag	50 packages x 25 kg = 1250 kg	1.8 kg/m²every mm of thickness

03

PRODUCT FEATURES

- Single-component, rapid setting, anti-shrinkage grout based on special hydraulic binders, high resistance cements, selected aggregates and special additives.
- Excellent fluidity, suitable for the restoration of severely deteriorated concrete, industrial floors and for the fixing of pits and street furniture by pouring.
- Thickness up to 5 cm; for higher thickness, it is recommended to add gravel 6 - 10, in max. 40%.
- Classification **R4 CC** according to the European Norm **EN 1504-3**.
- It is conform to the European Norm **EN 1504-6**.

USE

- Structural restoration of severely deteriorated concrete by pouring.
- Rapid restoration of industrial floors in concrete.
- Rapid restoration of roads and airport floors.
- Repair of street sidewalks.
- Fixing of road traps and pits.
- Fixing of fences, signs and street furniture.
- Bonding of bumpers and protective barriers.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	beige
Storage	12 months in the original packaging and in a dry place
Grain size	2.5 mm
Mixing ratio	3.0 - 3.25 l of water every 25 kg
Pot life	15 minutes
Mix consistency	fluid
Mix volume mass	2.3 g/cm³
Mix pH	> 12
Coat thickness	50 mm
Application temperature	from +5°C to +35°C
Setting time	+20°C start 15 minutes – end 35 minutes +5°C start 60 minutes – end 100 minutes

FINAL PERFORMANCE	
Adhesion on concrete (after 28 days)	> 2.0 N/mm²
Resistance to compression:	
after 4 hours	> 20.0 N/mm²
after 7 days	> 40.0 N/mm²
after 28 days	> 50.0 N/mm²
Resistance to flexure (after 28 days)	> 8.0 N/mm²

APPLICATION CYCLE

RESTORATION OF A DETERIORATED INDUSTRIAL FLOOR WITH ADEGROUT TRAFFIC.

USED ADESITAL PRODUCTS:

› ADEGROUT TRAFFIC



01

Damaged industrial floor that requires a rapid restoration with high strength.



02

Mechanical removal of deteriorated concrete, oils, waxes and anything that may compromise product adhesion. Carry out these operations until you reach the substrate which is sound and with a rough surface.



03

Careful removal of waste materials, vacuuming of dust and residues. It is important to work on a sound and perfectly prepared substrate, free of contaminants and materials from previous processes.



04

Saturation of the substrate with water, and possible removal of stagnating excess water.



05

Application by pouring of **ADEGROUT TRAFFIC** in the area to be restored, taking care not to incorporate air into the mix.



06

The high performance of **ADEGROUT TRAFFIC** and the rapid setting of the product allow rapid intervention on very stressed floors.

ADEGROUT ANCORAGGI

Expansion grout for anchorages.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey	150125AD	25 kg bag	50 packages x 25 kg = 1250 kg	1.9 kg/dm³

03

PRODUCT FEATURES

- Single-component expansion grout for anchorages.
- High smoothness and homogeneousness.
- Excellent expansiveness.
- High mechanical performance in short times.
- Classification **R4 CC** according to the European Norm **EN 1504-3.**
- It is conform to the European Norm **EN 1504-6**
- Very low VOC emissions (class EC1 plus).

USE

- Bonding of machine tools by pouring.
- Bonding of brackets, bolts and metal structures.
- Filling of rigid joints between concrete elements.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	grey
Storage	12 months in the original packaging and in a dry place
Grain size	2.5 mm
Mixing ratio	3.5 - 3.8 l of water every 25 kg
Mix consistency	fluid
Pot life	60 minutes
Mix volume mass	2.3 g/cm³
Application temperature	from +5°C to +35°C

FINAL PERFORMANCE	
Resistance to compression:	
after 1 day	32.0 N/mm²
after 28 days	70.0 N/mm²
Resistance to flexure:	
after 1 day	5.0 N/mm²
after 28 days	9.0 N/mm²
Free expansion in plastic phase	> 0.3%
Secant elastic module	
in compression after 28 days	25000 N/mm²

ADEGROUT 300 RAPIDO

Fibre-reinforced cementitious grout, easy to spread and with rapid setting, for levelling 3÷30 mm thick horizontal and vertical surfaces, indoors and outdoors.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey	2235525	25 kg bag	50 packages x 25 kg = 1250 kg	1.4 kg/m² every mm of thickness

PRODUCT FEATURES

- Single-component, anti-shrinkage fibre-reinforced grout based on special cements, selected aggregates and resins.
- It is featured by an excellent workability and adhesiveness on all substrates normally available in the building sector.
- For thickness from 3 to 30 mm in a single coat; it hardens rapidly and enables to install waterproofing materials and ceramic or stone cladding in short times.
- Classification **GP-CSIV** according to the European Norm **EN 998-1** and **MC-IR** according to the European Norm **EN 1504-2**.
- Very low VOC emissions (class EC1 plus).

USE

- Restoration and evening of slopes on terraces and balconies.
- Evening of reinforced concrete surfaces in swimming-pools to make them suitable for the waterproofing with ADEPROOF membranes and the following installation of ceramic tiles and mosaic.
- Levelling of concrete slabs indoors and outdoors.
- Levelling of cementitious screeds or screeds based on special binders (STARCEM, STARCEM PRONTO 2.0).
- Levelling of old floors before the installation of ceramic tiles, terrazzo tiles or non-absorbent stone material (after application of ADEGRIP ECO).
- Levelling of old floors before the application of waterproofing systems with ADEPROOF membranes (after application of ADEGRIP ECO).

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	grey
Storage	12 months in the original packaging and in a dry place
Mixing ratio	4.5 - 5 l of water every 25 kg
Mix consistency	plastic-thixotropic
Pot life	20 minutes
Max. coat thickness	30 mm
Min. thickness	3 mm
Mix volume mass	1.75 g/cm³
Application temperature	from +5°C to +35°C
Applicability	excellent
Workability	excellent

FINAL PERFORMANCE ACCORDING TO EN 1504-2	
Resistance to compression	> 20 N/mm²
Adhesion on concrete	> 2 N/mm²
Water permeability coefficient	W < 0.1 Class III (low permeability)
Water vapour permeability	So < 5 m Class I

FINAL PERFORMANCE ACCORDING TO EN 998-1	
Resistance to compression	> 20 N/mm²
Adhesion on bricks	> 1.5 MPa FP-B
Water absorption	< 0.20 W2
Thermal conductivity (λ)	0.85

TURBOCEM

Ultrarapid setting grout for anchorages.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey	2956025	25 kg bag	60 packages x 25 kg = 1500 kg	about 2 kg/m² for 1-l volume cavity
Grey	2956045A	4x5 kg box	32 packages x 4 x 5 kg = 640 kg	about 2 kg/m² for 1-l volume cavity

03

PRODUCT FEATURES

- Single-component grout composed of highly resistant cements, selected aggregates and additives.
- With ultrarapid setting and no shrinkage.
- It obtains high mechanical resistance in a few minutes after the application.
- Suitable for the fast bonding of electric and architectural elements and others.
- Very low VOC emissions (class EC1 plus).

USE

- Very rapid anchoring of reinforced doors and frames.
- Installation of junction boxes and raceways.
- Rapid preparation of frames and grates.
- Minor water infiltration removal.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	grey
Storage	12 months in the original packaging and in a dry place
Mixing ratio	4.8 - 5 l of water every 25 kg
Mix consistency	plastic
Mix volume mass	2 g/cm³
pH	12
Application temperature	from +5°C to +35°C
Setting time	2 - 4 minutes
Workability time	1 - 2 minutes at +20°C

FINAL PERFORMANCE	
Resistance to compression:	
after 20 minutes	8.0 N/mm²
after 3 hours	16.0 N/mm²
after 24 hours	20.0 N/mm²
after 3 days	25.0 N/mm²
after 7 days	35.0 N/mm²
after 28 days	40.0 N/mm²
Resistance to flexure:	
after 20 minutes	2.0 N/mm²
after 3 hours	4.0 N/mm²
after 24 hours	5.5 N/mm²
after 3 days	6.5 N/mm²
after 7 days	7.0 N/mm²
after 28 days	8.0 N/mm²

ADEFER

Corrosion-inhibiting cementitious mortar for the protection of reinforcing rods.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Blue	2766205AD	4x5 kg box	36 packages x 4 x 5 kg = 720 kg	100 g/m with an 8-mm dia. round iron (2 mm of applied product)

PRODUCT FEATURES

- SINGLE-COMPONENT system based on modified cementitious binders with passivating agents and synthetic resins, to be applied on reinforcing irons to prevent rust.
- It protects the reinforcing irons from corrosion in the concrete restoration processes with ADEGROUT anti-shrinkage grouts.
- It is conform to the European Norm **EN 1504-7**.
- Very low VOC emissions (class EC1 plus).

USE

- Protection from corrosion of reinforcing irons in concrete.
- Adhesion promoter for restoration grouts, both on reinforcing irons and on substrate concrete.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	blue
Storage	12 months in the original packaging and in a dry place
Mixing ratio	1.0 - 1.1 l of water every 5 kg
Pot life	60 minutes
Mix pH	> 12
Application temperature	from +5°C to +35°C
Surface drying time	120 minutes
Waiting time for application	4 - 5 hours
Waiting time for the second coat	1 - 2 hours

LATEX G 100

Synthetic rubber latex in water dispersion for cementitious mixes.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
-	037125AD	25 kg drum	24 packages x 25 kg = 600 kg	-
-	037105AD	5 kg drum	96 packages x 5 kg = 480 kg	-

03

PRODUCT FEATURES

- Synthetic rubber latex in water dispersion to improve cementitious mixes.
- It improves the adhesion on smooth and non-absorbing concrete surface, resistance to abrasion and flexure.
- It improves waterproofing and resistance to frost-thaw cycles.
- It increases the chemical resistance to diluted alkali and acids, to saline solutions and oils.

USE

- Realization of indoor and outdoor highly resistant cementitious screeds.
- Highly resistant and bonding cementitious renders and levelling grouts.
- Highly adhesive cementitious slurries for bonding cementitious screeds.
- Cementitious grouts for finishing surfaces subject to heavy abrasion (industrial floors, ramps, channels).

TECHNICAL DATA	**(at +23°C and 50% R.H.)**
Appearance	liquid
Colour	white
Storage	24 months in the closed original packaging PROTECT AGAINST FROST
Volume mass	1.02 g/cm³
pH	10
Solid residue	40%
Brookfield viscosity	40 mPa.s
Application temperature	from +5°C to +35°C
Final hardening	depending on the grout it is mixed with

FINAL PERFORMANCE	
in normalized grout as follows:	
Portland cement 32.5	450 g
Normalized sand	1350 g
Water	90 g
LATEX G 100	120 g
Mix volume mass	2.21 g/cm³
Trapped air	8%
Resistance to compression:	
after 7 days	24.5 N/mm²
after 28 days	35.5 N/mm²
Resistance to flexure: after 7 days	6.0 N/mm²
after 28 days	8.0 N/mm²
Adhesion on substrate:	
after 28 days	2.6 N/mm²
after 7 days + 21 in water	3.0 N/mm²
after 7 days+ 14 at 60°C	2.6 N/mm²
Compression elastic module	18,500 N/mm²
Resistance:	
to humidity	excellent
to aging	excellent
to acids and alkali	fair



DE-HUMIDIFYING AND RESTORATION

04

ADESAN MONO LIGHT

Lightened cementitious render that combines the functions of a rendering and dehumidifying render in a single layer.



CE EN 998-1 R-CSII

GEV-EMICODE EC 1 PLUS very low emission



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey	189220AD	20 kg bag	50 packages x 20 kg = 1000 kg	11- 12 kg/m² every cm of thickness

04

PRODUCT FEATURES

- Pre-mixed grout based on hydraulic binders with pozzolana reaction, light aggregates and special additives, able to create a macro-porous dehumidifying plaster in a single application and resist to soluble salts.
- In just one layer it is able to solve the problem of rising damp in masonry.
- It has very similar characteristics in terms of mechanical strength, elastic module and porosity to lime, lime-pozzolana or hydraulic lime-based grouts used in the construction of buildings, including those of historical interest.
- The excellent workability of the product allows it to be applied both by hand and machine on different types of substrate.
- Classification **R CSII** according to the European Norm **EN 998-1**.
- Very low VOC emissions (class EC1 plus).

USE

- Restoration of indoor and outdoor brick, stone, tuff or mixed walls affected by rising damp and/or saline efflorescence.
- Recovery of walls degraded by saline efflorescence near lakes or sea.
- Sealing of joints between stones, bricks and tuff on external façade walls.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	light grey
Powder volume mass	1.2 g/cm³
Storage	12 months (in the original packaging and in a dry place)

APPLICATION DATA	
Mixing ratio	4.4 - 4.8 l of water every 20 kg bag
Pot life	50-60 minutes
Application temperature	from +5°C to +35°C
Porosity of grout when fresh (EN 1015- 7)	> 20%
Min. thickness	20 mm
Max. thickness	30 mm
Max. aggregate size (EN 1015-1)	2.5 mm

FINAL PERFORMANCE	
Resistance to compression after 28 days (EN 1015- 11)	> 2.0 N/mm²
Adhesion on substrate (EN 1015-12)	≥ 0.30 N/mm2 (FP)=B
Water absorption by capillarity (EN 1015-18)	3.0 kg/m²
Vapour permeability coefficient (EN 1015- 19)	< 10 (μ)
Thermal conductivity (λ10 dry) (EN 1745)	0.35 W/m*K
Fire reaction	A1
Reaction to sulphates	Excellent
Saline efflorescence	None

ADESAN RINZAFFO

Premixed rendering grout, transpiring, improves adhesion of dehumidifying render. Resistant to salts.



CE EN 998-1 GP CSIV

GEV-EMICODE EC 1 PLUS very low emission



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey	1896125AD	25 kg bag	50 packages x 25 kg = 1250 kg	7.5-8 kg/m² every 5 mm of thickness

04

PRODUCT FEATURES

- Pre-mixed macro-porous grout based on special binders with pozzolana reaction, light aggregates and special additives.
- Excellent workability both by hand and by machine.
- Excellent dehumidifying and draining capacity on rising damp.
- Barrier effect against the saline outlet from the wall.
- Classification **GP CSIV** according to the European Norm **EN 998-1**.
- Very low VOC emissions (class EC1 plus).

USE

- Restoration of masonry with inconsistent, very porous, mechanically weak surfaces or waterproof coatings.
- For walls degraded by rising damp or salts.
- Suitable for stone, brick, tuff

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	light grey
Powder volume mass	1.00-1.10 g/cm³
Storage	12 months (in the original packaging and in a dry place)
Mixing ratio	4.75 - 5.25 l of water every 25 kg bag
Pot life	60 minutes
Application temperature	from +5°C to +35°C
Thickness to be applied	5 mm
Max. aggregate size (EN 1015-1)	2.5 mm
Fresh grout volume mass (EN 1015-6)	1800 kg/m³

FINAL PERFORMANCE	
Resistance to compression after 28 days (EN 1015- 11)	> 8.0 N/mm²
Adhesion on substrate (EN 1015-12)	≥ 0.50 N/mm² (FP)=B
Water absorption by capillarity (EN 1015-18)	≤0.4 kg/(m² min$^{0.5}$)
Vapour permeability coefficient (EN 1015- 19)	< 20 (μ)
Thermal conductivity (λ10 dry) (EN 1745)	0.57 W/m*K
Fire reaction	A1
Reaction to sulphates	Excellent
Saline efflorescence	None

ADESAN RASANTE

Levelling grout based on hydraulic and aerial binders, for ADESAN restoration renders.
White coat finishing.



CE
EN 998-1
GP CSIII



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	6600325	25 kg bag	50 packages x 25 kg = 1250 kg	1.5 kg/m² every mm of thickness

04

PRODUCT FEATURES

- Levelling, transpiring powder grout for restoration renders based on hydraulic and aerial binders, marble sands, quartz and special additives.
- Thickness up to 3 mm.
- White coat finishing degree.
- Excellent application and workability for an easier application on ADESAN fresh or cured raw renders, safeguarding the substrate transpiration.
- Classification **GP-CSIII** according to the European Norm **EN 998-1.**

USE

- Finishing of traditional or pre-mixed ADESAN renders with the "wet on wet" technique.
- Levelling of traditional or pre-mixed cured ADESAN renders.
- It can be coated with both thin and transpiring paints or decorations.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white
Finishing degree	fine white coat
Storage	12 months in the original packaging and in a dry place
Mixing ratio	6.8 - 7.3 l of water every 25 kg
Pot life	2 hours
Mix pH	12
Application temperature	from +5°C to +35°C
Max. thickness	3 mm

Waiting time:	
for applying the second coat	30 min
for float finishing	15 min
for painting	3 - 4 weeks

FINAL PERFORMANCE	
Resistance to compression after 28 days	> 5.0 N/mm²
Resistance to flexure after 28 days	> 3.0 N/mm²
Adhesion on cured substrates after 28 days	> 0.5 N/mm²
Steam resistance factor	< 12

APPLICATION CYCLE

RESTORATION OF A TRADITIONAL MASONRY SUBJECT TO RISING DAMP WITH LIME BASED RENDER FOR WALLS SUBJECT TO RISING DAMP AND SALINE EFFLORESCENCE.

USED ADESITAL PRODUCTS:

- ADESAN CALCE RINZAFFO
- ADESAN CALCE INTONACO
- ADESAN CALCE RASANTE CIVILE or ADESAN CALCE RASANTE FINE



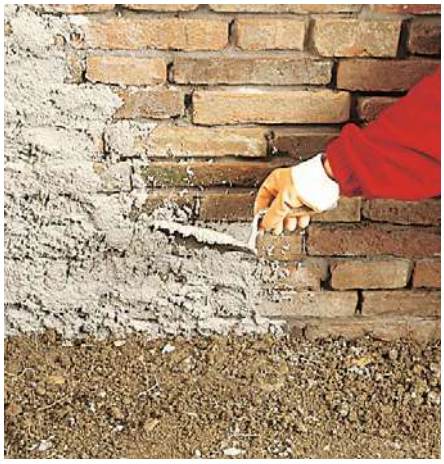
01

Remove the old render up to 1 meter above the damp line, exposing the bricks.



02

Carefully wash with pressure water.



03

Apply an even coat of **ADESAN CALCE RINZAFFO.**



04

Apply the restoration render **ADESAN CALCE INTONACO** in a thickness of at least 2 cm.



05

Make a first float finishing.



06

Level with **ADESAN CALCE RASANTE CIVILE or ADESAN CALCE RASANTE FINE.**

APPLICATION CYCLE

RESTORATION WITH ONE PRODUCT ONLY OF A MASONRY SUBJECT TO RISING DAMP

USED ADESITAL PRODUCTS:

- ADESAN MONO LIGHT
- ADESAN RASANTE



01

Remove the layer of deteriorated render affected by rising damp. Demolish at least 1 m above the rising damp line.



02

Once the render has been removed, clean and wash thoroughly. Once these works are completed, when the substrate is dry, apply a film of water to the masonry to be restored.



03

Apply **ADESAN MONO LIGHT by hand or by spraying.**



04

Level and even out the coat of dehumidifying render **ADESAN MONO LIGHT with a suitable rod.**



05

Check that the render coat is at least 2.5 - 3 cm thick.



06

When the render coat has cured, level using the product **ADESAN RASANTE.**



07

When **ADESAN RASANTE** still has a plastic consistency, even out the levelling with a damp sponge for an optimal finish.

ADESAN CALCE RINZAFFO

Bonding grout based on traditional lime, free of cement, to be applied before a restoration render or lime-based transpiring render.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Light	189120AD1	20 kg bag	50 packages x 20 kg = 1000 kg	7.5 - 8 kg/m² (every 5 mm of thickness)

PRODUCT FEATURES

- Pre-mixed coarse grain grout based on traditional lime and pozzolana, anti-salt additives and bonders, free of cement, for damp substrates.
- Excellent adhesiveness on all brick substrates.
- Barrier effect against the saline outlet from the wall.
- It is particularly suitable for creating bonding coats in the restoration of historical buildings thanks to its porosity, elastic module and mechanical performance.
- Classification **GP CSIV** according to the European Norm **EN 998-1**.
- Very low VOC emissions (class EC1 plus).

USE

Bonding coat for restoration and transpiring renders.
To be used with the products ADESAN CALCE INTONACO, ADESAN STRUTTURALE NHL and ADESAN INTONACO NHL on:

- Old and new brick walls.
- Walls with significant saline efflorescence.
- Stone and tuff walls.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white
Grain size	2.5 mm
Storage	12 months in the original packaging and in a dry place
Mixing ratio	5 - 5.5 l of water every 20 kg
Mix consistency	plastic
Volume mass	1.8 - 1.9 kg/l
Application temperature	from +5°C to +35°C
Mix workability time	1 hour
Coat thickness	5 mm

FINAL PERFORMANCE	
Resistance to compression	> 7.0 N/mm²
Dynamic elastic module	< 8000 N/mm²
Steam resistance factor	< 30

ADESAN CALCE INTONACO

Salt resistant grout for macro-porous de-humidifying renders based on lime and environmental-friendly pozzolana, free of cement, for restoring damp walls even in historical buildings.



CE EN 998-1 R-CSII

GEV-EMICODE EC1 PLUS very low emission



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Light	1899125AD1	25 kg bag	50 packages x 25 kg = 1250 kg	16 kg/m² every cm of thickness

04

PRODUCT FEATURES

- Pre-mixed grout, with light colour, free of cement, based on lime, environmental-friendly pozzolana and natural sands.
- Excellent dehumidifying and draining capacity on rising damp.
- Barrier effect against the saline outlet from the wall.
- Mechanical features compatible with old walls.
- Excellent workability by machine also.
- Ideal for historical buildings.
- For indoor and outdoor use.
- Classification **R CSII** according to the European Norm **EN 998-1**.
- Very low VOC emissions (class EC1 plus).

USE

- Restoration of walls in bricks or porous stones subject to rising damp.
- Application of de-humidification render on structures close to humid areas.
- Recovery of walls deteriorated by efflorescence.
- Restoration of historical-artistic renders (old town centres, churches, villas) under the protection of the Superintendencies for architectural and landscape heritage where a final restoration respecting the original materials is necessary.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white
Grain size	< 2.5 mm
Powder volume mass	1.5 g/cm³
Storage	12 months in the original packaging and in a dry place
Mixing ratio	4.75 - 5.25 l of water every 25 kg
Mix pH	12
Total porosity	> 20%
Workability time	50 - 60 minutes
Waiting time after rendering	< 24 hours
Coat thickness	min. 2 cm, max. 3 cm every coat
Application temperature	from +5°C to +35°C

FINAL PERFORMANCE	
Resistance to compression after 28 days	1.5 - 5.0 N/mm² (category CSII)
Adhesion on substrate	> 0.4 N/mm²
Water absorption by capillarity	3.5 kg/m²
Vapour permeability coefficient	(μ) ≤ 10
Thermal conductivity	0.61 W/mk
Resistance to sulphates	high
Saline efflorescence	none

ADESAN CALCE RASANTE CIVILE

Levelling grout based on lime and environmental-friendly pozzolana, free of cement, resistant to salts and transpiring, for fine white coat finishing of renders.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	187125AD	25 kg bag	50 packages x 25 kg = 1250 kg	1.4 kg/m² every mm of thickness

04

PRODUCT FEATURES

- Pre-mixed powder grout, transpiring, with light colour, free of cement, based on lime, environmental-friendly pozzolana and natural sands.
- Designed for levelling fine white coat finished renders.
- Mechanical features and composition compatible with old walls, ideal for historical buildings.
- For indoor and outdoor use.
- Classification **GP-CSIV** according to the European Norm **EN 998-1**.
- Very low VOC emissions (class EC1 plus).

USE

- Levelling with fine white coat finishing of dehumidifying renders for completing the restoration cycle of walls subject to rising damp.
- Levelling of dehumidifying renders nearby sea.
- Levelling of lime-based renders even in artistic and historic buildings.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white
Powder volume mass	1.20 g/cm³
Storage	12 months (in the original packaging and in a dry place)
Mixing ratio	6 - 6.5 l of water every 25 kg bag
Pot life	60 minutes
Application temperature	from +5°C to +35°C
Max. coat thickness	2 mm
Max. aggregate size (EN 1015-1)	0.4 mm
Fresh grout volume mass (EN 1015-6)	1800 kg/m³

FINAL PERFORMANCE	
Resistance to compression after 28 days (EN 1015- 11)	10 N/mm²
Adhesion on substrate (EN 1015-12)	≥ 0.6 N/mm² (FP)=B
Water absorption by capillarity (EN 1015-18)	Category W2
Vapour permeability coefficient (EN 1015- 19)	≤ 15 (μ)
Thermal conductivity (λ10 dry) (EN 1745)	0.67 W/m*K
Fire reaction	E
Reaction to sulphates	Excellent
Saline efflorescence	None

ADESAN CALCE RASANTE FINE

Levelling grout based on lime and environmental-friendly pozzolana, resistant to salts and transpiring, for fine finishing of renders.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	187620AD	20 kg bag	50 packages x 20 kg = 1000 kg	1.3 kg/m² every mm of thickness

04

PRODUCT FEATURES

- Pre-mixed powder grout, transpiring, with light colour, free of cement, based on lime, environmental-friendly pozzolana and natural sands.
- Designed for levelling dehumidifying renders.
- The finishing degree is fine, with mechanical features and composition compatible with old walls, ideal for historical buildings.
- For indoor and outdoor use.
- Classification **GP-CSII** according to the European Norm **EN 998-1**.
- Very low VOC emissions (class EC1 plus).

USE

- Levelling with fine finishing of dehumidifying renders for completing the restoration cycle of walls subject to rising damp.
- Levelling of dehumidifying renders nearby sea.
- Levelling of lime-based renders even in artistic and historic buildings.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white
Powder volume mass	1.20 g/cm³
Storage	12 months (in the original packaging and in a dry place)
Mixing ratio	6 - 6.4 l of water every 20 kg bag
Pot life	60 minutes
Application temperature	from +5°C to +35°C
Max. coat thickness	approx. 1 mm
Max. aggregate size (EN 1015-1)	< 0.1 mm
Fresh grout volume mass (EN 1015-6)	1700 kg/m³

FINAL PERFORMANCE	
Resistance to compression after 28 days (EN 1015- 11)	2.5 N/mm²
Adhesion on substrate (EN 1015-12)	≥ 0.8 N/mm² (FP)=B
Water absorption by capillarity (EN 1015-18)	category W0
Vapour permeability coefficient (EN 1015- 19)	≤ 20 (μ)
Thermal conductivity (λ10 dry) (EN 1745)	0.39 W/m*K
Fire reaction	E
Reaction to sulphates	Excellent
Saline efflorescence	None

ADESAN NHL STRUTTURALE

Fibre-reinforced transpiring grout with high mechanical performance based on natural hydraulic lime (NHL) and environmental-friendly pozzolana, free of cement, for transpiring renders.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Beige	188425AD	25 kg bag	50 packages x 25 kg = 1250 kg	17 kg/m² every cm of thickness

PRODUCT FEATURES

- Pre-mixed fibre grout, with light hazel colour, free of cement, with high mechanical performance, based on natural hydraulic lime (NHL), environmental-friendly pozzolana and natural sands, special additives.
- Transpiring, with excellent workability by machine also, and mechanical features and composition compatible with new and old walls.
- Ideal for historic buildings indoors and outdoors.
- Classification **GP CSIV** according to the European Norm **EN 998-1** and **G-M15** according to the European Norm **EN 998-2**.
- Very low VOC emissions (class EC1 plus).

USE

- Application by hand or by machine of new transpiring renders with high mechanical performance on stone, brick, tuff and mixed walls not subject to rising damp.
- Application of new renders or restoration of old renders based on lime on historical and artistic walls.
- Preparation of wall faces with a wall grout with high mechanical performance (higher than those of the traditional lime-based grouts).
- Sealing of joints between stones, bricks and tuff on external façade walls.

TECHNICAL DATA	**(at +23°C and 50% R.H.)**
Appearance	powder
Colour	beige
Grain size	< 2.5 mm
Binder type (EN 459-1)	NHL 3.5 and NHL 5
Powder volume mass	1.4 g/cm³
Chloride content	< 0.05%
Storage	12 months in the original packaging and in a dry place
Mixing ratio	4.0 - 4.25 l of water every 25 kg
Mix pH	12
Total porosity	7%
Workability time	50 - 60 minutes
Coat thickness	min. 1 cm, max. 4 cm every coat

Application temperature	from +5°C to +35°C
FINAL PERFORMANCE	
Resistance to compression after 28 days	> 15 N/mm² (category CSIV, class M15)
Adhesion on substrate	> 0.7 N/mm²
Initial shearing strength	0.2 N/mm²
Static elastic module after 28 days	10,000 N/mm²
Water absorption by capillarity	< 0.2 kg x m^{-2} x $min^{-0.5}$ (category W2)
Vapour permeability coefficient	(μ) 60
Thermal conductivity	1 W/mk
Fire reaction	class E

ADESAN NHL INTONACO

Transpiring substrate render based on natural hydraulic lime (NHL) and environmental-friendly pozzolana, free of cement.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Beige	188425AD	25 kg bag	50 packages x 25 kg = 1250 kg	14.5 kg/m² every cm of thickness

04

PRODUCT FEATURES

- Pre-mixed grout, with light hazel colour, free of cement, based on natural hydraulic lime (NHL), environmental-friendly pozzolana and natural sands.
- Transpiring, with excellent workability by machine also.
- Mechanical features compatible with old walls.
- Ideal for renders in historic buildings, indoors and outdoors.
- Classification **GP CSII** according to the European Norm **EN 998-1**.
- Very low VOC emissions (class EC1 plus).

USE

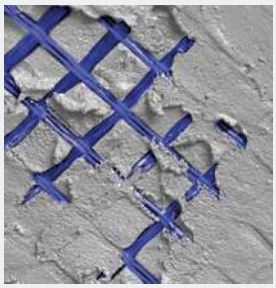
- Application by hand or by machine of new indoor and outdoor transpiring renders on stone, brick, tuff and mixed walls not subject to capillary rising damp.
- Application of new renders or restoration of old renders based on lime on historical and artistic walls.
- Sealing of joints between stones, bricks and tuff on external façade walls.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	beige
Grain size	< 1.4 mm
Binder type (EN 459-1)	NHL 3.5 and NHL 5
Powder volume mass	1.3 g/cm³
Storage	12 months in the original packaging and in a dry place
Mixing ratio	4.75 - 5.25 l of water every 25 kg
Mix pH	12
Total porosity	> 20%
Workability time	50 - 60 minutes
Coat thickness	min. 1 cm, max. 3 cm every coat
Application temperature	from +5°C to +35°C

FINAL PERFORMANCE	
Resistance to compression after 28 days	1.5 - 5 N/mm² (category CSII)
Adhesion on substrate	> 0.3 N/mm²
Water absorption by capillarity	category W0
Vapour permeability coefficient	(μ) ≤ 12
Thermal conductivity	0.57 W/mk
Fire reaction	class A1

ADEMUR RINFORZO 150

Fibre-reinforced grout based on natural hydraulic lime for transpiring structural renders, even reinforced, and beddings.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Light grey	1884625AD	25 kg bag	50 packages x 25 kg = 1250 kg	16 kg/m² every cm of thickness

PRODUCT FEATURES

- Fibre-reinforced powder grout, with high mechanical performance and light grey colour, based on natural hydraulic lime, natural sands, special additives and fibres.
- Transpiring, with excellent workability by machine also, and mechanical features and composition compatible with new and old walls.
- Ideal for historic buildings indoors and outdoors.
- Classification **GP-CSIV** according to the European Norm **EN 998-1**.
- Classification **G-M15** according to the European Norm **EN 998-2**.
- Very low VOC emissions (class EC1 plus).

USE

- Application by hand or by machine of new transpiring renders with high mechanical performance, indoors and outdoors, on stone, brick, tuff and mixed walls not subject to capillary rising damp.
- Application of new renders or restoration of old renders on historical and artistic walls.
- Application of new reinforced renders together with ADEMUR RETE EM30 and ADEMUR CONNETTORE.
- Sealing of joints between stones, bricks and tuff on external façade walls.
- Preparation of wall faces with a wall grout with high mechanical performance (higher than those of the traditional lime-based grouts).

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	light grey
Powder volume mass	1.50 g/cm³
Storage	12 months (in the original packaging and in a dry place)
Mixing ratio	4.0 - 4.5 l of water every 25 kg bag
Pot life	60 minutes
Application temperature	from +5°C to +35°C
Min. thickness to be applied	10 mm
Max. coat thickness	30 mm
Max. aggregate size (EN 1015-1)	2.5 mm
Fresh grout volume mass (EN 1015-6)	1900 kg/m³
Porosity of grout when fresh (EN1015-7)	16%

FINAL PERFORMANCE	
Resistance to compression after 28 days (EN 1015- 11)	> 15.0 N/mm²
Adhesion on substrate (EN 1015-12)	≥ 1 N/mm² (FP)=B
Initial shear resistance (EN 998-2 app. C	0.15 N/mm²
Static elastic module after 28 days (EN 13412)	10 GPa
Water absorption by capillarity (EN 1015-18)	≤ 0.2 kg/(m²min$^{0.5}$)
Vapour permeability coefficient (EN 1015- 19)	≤ 25 (μ)
Thermal conductivity ($\lambda_{10\,dry}$) (EN 1745)	0.71 W/m*K (P=50%)
Fire reaction	A1

ADEMUR RETE EM30 - ADEMUR CONNETTORE

Alkali-resistant pre-impregnated fibreglass mesh (FRP) and fibreglass “L”-connector, for structural reinforced renders on concrete and masonry.



COLOUR	CODE	PACKAGE	THICKNESS
Blue	7325425AD	Rolls of 25 m, 1-m wide	ADEMUR RETE EM30
Blue	73U1381099AD	100-piece box	ADEMUR CONNETTORE

04

PRODUCT FEATURES

- **The components ADEMUR RETE EM30 and ADEMUR CONNETTORE**, together with **ADEMUR RINFORZO 150**, create the **ADEMUR REINFORCEMENT SYSTEM**, consistent with the approach defined in the Composite Reinforced Mortar (CRM) qualification guidelines.
- Alkali-resistant fibreglass mesh with 30x30 mm grid size, with high mechanical performance.
- “L”-connector made of alkali-resistant fibreglass and thermosetting vinylester-epoxy resin, with 380x100 mm size.
- To be used together with ADEMUR RINFORZO 150 or ADESAN NHL STRUTTURALE.
- **ADEMUR RETE EM30** is featured by:
- High flexibility so that it can be shaped at the corners of structures.
- Excellent resistance to tensile strength, weather agents and chemical aggression of cement.
- High dimensional stability.
- Light and handy.

USE

- Reinforced renders on brick walls, mixed masonry and continuous vertical masonry.
- Compression reinforcement of continuous vertical masonry.
- Reinforcement of vaults by means of reinforced caps.
- Anti-deflection systems for slabs.

ADEMUR RETE EM30 TECHNICAL DATA

Appearance	Alkali-resistant fibreglass mesh	
Colour	Blue	
Weight	420 g/m²	ISO 3374:2000 (E)
Mesh dimension	30x30 mm	CNR DT 200 R1/2013
Average thickness	2 mm	CNR DT 200 R1/2013
Section of the single bar	2.37 mm²	CNR DT 200 R1/2013
Nominal fibre area	0.395 mm²	CNR DT 200 R1/2013
Resistant section	55.92 mm² /m	CNR DT 200 R1/2013
Bars/m	33	
Single bar tensile strength	3.20 kN	ISO 527-4,5:1997 (E)
Ultimate elongation	4%	ISO 527-4,5:1997 (E)
Tensile elastic module	33,000 N/mm²	ISO 527-4,5:1997 (E)

ADEMUR CONNETTORE TECHNICAL DATA

Appearance	Alkali-resistant fibreglass	
Thermo-setting resin	Epoxy-vinylester	
Fibre density	2.55 g/cm³	ISO 1183
Resin density	1.1 g/cm³	ISO 1183
Resin distortion temperature (Tg)	>100°C	ASTM - E - 1640
Length	380x100 mm	
Equivalent bar diameter	7 mm	App. B CNR DT 203/2006
Equivalent section area	38 mm²	App. B CNR DT 203/2006
Tensile strength	>32 kN	CNR DT 203/2006
Ultimate elongation	>1.5%	App. B CNR DT 203/2006
Tensile elastic module	>35,000 N/mm²	App. B CNR DT 203/2006



THERMAL AND SOUND INSULATION

05

ADETHERM EXTRA 35

Single-component adhesive and levelling grout for the installation and levelling of over-coating insulating panels.
Available in two different grain sizes:
G8 (0.8 mm) - G10 (1.0 mm).



CE
EN 998-1
GP CSIV



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White G8	2914125	25 kg bag	50 packages x 25 kg = 1250 kg	3 - 5 kg/m²
Grey G8	2914025	25 kg bag	50 packages x 25 kg = 1250 kg	3 - 5 kg/m²
White G10	2914325	25 kg bag	50 packages x 25 kg = 1250 kg	3 - 5 kg/m²

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PRODUCT FEATURES

- Single-component powder adhesive based on Portland cement, synthetic resins, selected sands and additives.
- Excellent adhesiveness and spreadability.
- Two grain sizes in two colours for three different finishing degrees.
- It can be directly float-finished for the decorative coating.
- Classification **GP-CSIV** according to the European Norm **EN 998-1.**

USE

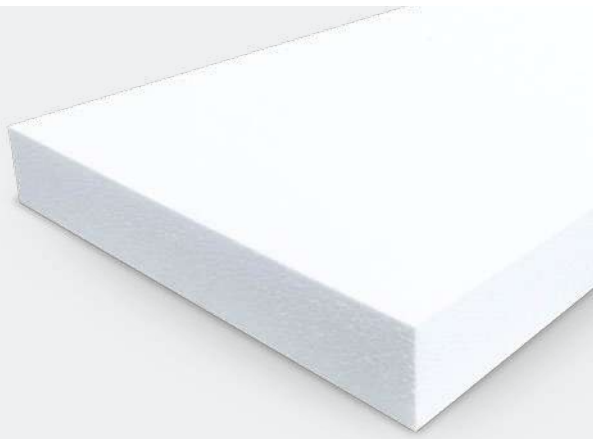
- Indoor and outdoor installation of insulating panels: foam and extruded polystyrene, foam polyurethane, rock or glass wool with suitable density, insulating cork, sound-deadening panels.
- Installation of insulating panels on the suitable and consistent surfaces such as: traditional renders, concrete, bricks.
- Especially recommended for the final levelling of insulating panels, with suitable and consistent surface.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white / grey
Storage	12 months in the original packaging and in a dry place
Mixing ratio	
ADETHERM EXTRA 35 G8	5.5 - 6 l of water every 25 kg
ADETHERM EXTRA 35 G10	4.75 - 5.25 l of water every 25 kg
Pot life	6 hours
Mix pH	12
Application temperature	from +5°C to +35°C
Open time	25 minutes
Adjustment time	45 - 60 minutes
Final hardening	after 14 days

FINAL PERFORMANCE	
Resistance: to humidity	excellent
to aging	excellent
Deformability	medium
Adhesion: dry on concrete	2.0 N/mm²
after heating	2.7 N/mm²
after immersion in water	> 0.7 N/mm²
Resistance: to compression	9.0 N/mm²
to flexure	5.0 N/mm²

ADETHERM EPS CAM

Insulating panel made of white polystyrene foam for over-coated thermal insulation systems.
Compliant with the Minimum Environmental Criteria M.E.C.



COLOUR	CODE	PACKAGE	THICKNESS
White	code upon request	0.30 m³ / 7.50 m² packages	4 cm
White	code upon request	0.30 m³ / 6.00 m² packages	5 cm
White	code upon request	0.30 m³ / 5.00 m² packages	6 cm
White	code upon request	0.28 m³ / 3.50 m² packages	8 cm
White	code upon request	0.30 m³ / 3.00 m² packages	10 cm
White	code upon request	0.30 m³ / 2.50 m² packages	12 cm
White	code upon request	0.28 m³ / 2.00 m² packages	14 cm
White	code upon request	0.24 m³ / 1.50 m² packages	16 cm

05

PRODUCT FEATURES

- Insulating panel made of white polystyrene foam with improved λ, for over-coated insulation systems.
- Lightweight, easy to transport and to install.
- It makes it possible to significantly improve the living, performance, economic and environmental characteristics of existing and new buildings.
- Compliant with the Minimum Environmental Criteria (M.E.C. certified)

USE

- In over-coated insulation systems, it is the fundamental element for the thermal insulation given by the system

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	EPS panel
Colour	white
Panel length	1.00 m
Panel width	0.50 m
Panel thickness	4 / 5 / 6 / 8 / 10 / 12 / 14 / 16 cm
Storage	Store in the original packaging, in a dry place and away from sunlight.
Flammability	Euroclass E

FINAL PERFORMANCE	
Tensile strength perpendicular to the surfaces	> 120 kPa
Long-term water absorption, total immersion	< 4%
Long-term water absorption, partial immersion	< 0.5 kg/m²
Resistance to water vapour diffusion (μ)	20 - 70
Thermal conductivity (λ_d)	0.036 W/mK
Specific thermal capacity (C_p)	1350 J/kgK
Thermal expansion coefficient	$65x10^{-6}$
Limit use temperature	75°C

ADETHERM EPS GRAF CAM

Insulating panel made of polystyrene foam sintered with graphite, for over-coated thermal insulation systems. Compliant with the Minimum Environmental Criteria M.E.C.



COLOUR	CODE	PACKAGE	THICKNESS
Dark grey	code upon request	0.30 m^3 / 7.50 m^2 packages	4 cm
Dark grey	code upon request	0.30 m^3 / 6.00 m^2 packages	5 cm
Dark grey	code upon request	0.30 m^3 / 5.00 m^2 packages	6 cm
Dark grey	code upon request	0.28 m^3 / 3.50 m^2 packages	8 cm
Dark grey	code upon request	0.30 m^3 / 3.00 m^2 packages	10 cm
Dark grey	code upon request	0.30 m^3 / 2.50 m^2 packages	12 cm
Dark grey	code upon request	0.28 m^3 / 2.00 m^2 packages	14 cm
Dark grey	code upon request	0.24 m^3 / 1.50 m^2 packages	16 cm

05

PRODUCT FEATURES

- Insulating panel made of polystyrene foam sintered with graphite, for over-coated insulation systems.
- Lightweight, easy to transport and to install.
- It makes it possible to significantly improve the living, performance, economic and environmental characteristics of existing and new buildings.
- Compliant with the Minimum Environmental Criteria (M.E.C. certified)

USE

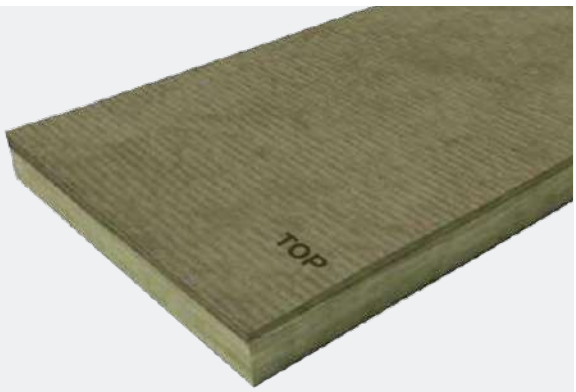
- In over-coated insulation systems, it is the fundamental element for the thermal insulation given by the system.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	panel in EPS with graphite
Colour	dark grey
Panel length	1.00 m
Panel width	0.50 m
Panel thickness	4 / 5 / 6 / 8 / 10 / 12 / 14 / 16 cm
Storage	Store in the original packaging, in a dry place and away from sunlight
Flammability	Euroclass E

FINAL PERFORMANCE	
Tensile strength perpendicular to the surfaces	> 150 kPa
Long-term water absorption, total immersion	< 3%
Long-term water absorption, partial immersion	< 0.2 kg/m^2
Resistance to water vapour diffusion (μ)	20 - 40
Thermal conductivity (λ_d)	0.031 W/mK
Specific thermal capacity (C_p)	1470 J/kgK
Thermal expansion coefficient	65x10^{-6}
Limit use temperature	75°C

ADETHERM ROCCIA 120

Insulating panel made of rock wool with double density, for over-coated insulation systems.



COLOUR	CODE	PACKAGE	THICKNESS
Brown	code upon request	6-package pallet / 21.60 m²	8 cm
Brown	code upon request	6-package pallet / 17.28 m²	10 cm
Brown	code upon request	10-package pallet / 14.40 m²	12 cm

PRODUCT FEATURES

- Rigid panel for sound and heat insulation made of rock wool, for over-coated thermal insulation systems.
- Double density for greater resistance to impacts and stresses.
- Its high permeability to vapour makes it ideal for the realization of “breathable” insulation.
- Being non-combustible it ensures high safety in case of fire by not generating smoke or dripping.
- It makes it possible to significantly improve the living, performance, economic and environmental characteristics of existing and new buildings.
- Compliant with the Minimum Environmental Criteria (M.E.C. certified)

USE

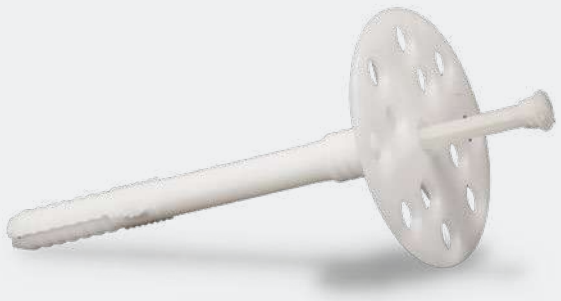
- In over-coated insulation systems, it is the fundamental element for the thermal insulation given by the system.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	fibre panel
Colour	brown
Panel length	1.20 m
Panel width	0.60 m
Panel thickness	8 / 10 / 12 cm
Storage	Store in the original packaging, in a dry place and away from sunlight and humidity
Flammability	Euroclass A1

APPLICATION DATA	
Resistance to compression	> 15.0 kPa
Tensile strength perpendicular to the surfaces	> 7.5 kPa
Long-term water absorption, total immersion	< 3%
Long-term water absorption, partial immersion	< 0.2 kg/m²
Resistance to water vapour diffusion (μ)	1
Thermal conductivity (λ_d)	0.035 W/mK
Specific thermal capacity (C_p)	1030 J/kgK
Density	78 kg/m³ (min. 70 / max. 120)

ADETHERM TASSELLO

Polypropylene percussion dowel, 10 mm diameter, with nylon nail.



COLOUR	CODE	PACKAGE	LENGTH
White	code upon request	250-piece box	12 cm
White	code upon request	250-piece box	14 cm
White	code upon request	250-piece box	16 cm
White	code upon request	250-piece box	18 cm
White	code upon request	250-piece box	20 cm

PRODUCT FEATURES

- Percussion dowel in polypropylene with 10 mm diameter and a 60 mm head, with a nylon nail charged with fibreglass.
- Extremely reduced drilling depth.

USE

- In over-coated insulation systems fixing insulating panels after bonding.
- Approved for the following types of substrates:
  - Concrete (Cat. A);
  - Solid brick (Cat. B);
  - Hollow brick (Cat. C);
  - Lightened concrete (Cat. D);
  - Foam concrete (Cat. E).

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	dowel in PP
Colour	white
Dowel nominal diameter	10 mm
Head diameter	60 mm
Hole depth (excluding panel, adhesive and render)	> 50 mm
Bonding depth (hanc)	> 40 mm
Dimensions:	
ADETHERM TASSELLO 120	length 120 mm - Fixable thck. 90 mm
ADETHERM TASSELLO 140	length 140 mm - Fixable thck. 110 mm
ADETHERM TASSELLO 160	length 160 mm - Fixable thck. 130 mm
ADETHERM TASSELLO 180	length 180 mm - Fixable thck. 150 mm
ADETHERM TASSELLO 200	length 200 mm - Fixable thck. 170 mm
Storage	Store in the original packaging, in a dry place and away from sunlight at temperatures between 0°C and +30°C.

APPLICATION DATA	
Heat transmittance	0.002 W/m²K
Use categories	A, B, C, D, E
Chemical-physical resistance	resistant to alkali and UV rays

ADETHERM TASSELLO PLUS

Polypropylene screwing dowel, 8 mm diameter, with pre-assembled steel nail.



COLOUR	CODE	PACKAGE	LENGTH
Grey	code upon request	100-piece box	11 cm
Grey	code upon request	100-piece box	13 cm
Grey	code upon request	100-piece box	15 cm
Grey	code upon request	100-piece box	17 cm
Grey	code upon request	100-piece box	19 cm
Grey	code upon request	100-piece box	21 cm
Grey	code upon request	100-piece box	23 cm

PRODUCT FEATURES

- Screwing dowel in polypropylene with 8 mm diameter and a 60 mm head, with pre-assembled steel nail.
- The composite screw in steel and plastic prevents the formation of a thermal bridge at the dowel.
- Extremely reduced drilling depth.

USE

- In over-coated insulation systems fixing insulating panels after bonding.
- Approved for the following types of substrates:
  - Concrete (Cat. A);
  - Solid brick (Cat. B);
  - Hollow brick (Cat. C);
  - Lightened concrete (Cat. D);
  - Foam concrete (Cat. E).

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	dowel in PP and steel
Colour	grey
Dowel nominal diameter	8 mm
Head diameter	60 mm
Hole depth (excluding panel, adhesive and render)	> 55 mm
Bonding depth (hanc)	> 45 mm
Dimensions:	
ADETHERM TASSELLO 110	length 110 mm - Fixable thck. 70 mm
ADETHERM TASSELLO 130	length 130 mm - Fixable thck. 90 mm
ADETHERM TASSELLO 150	length 150 mm - Fixable thck. 110 mm
ADETHERM TASSELLO 170	length 170 mm - Fixable thck. 130 mm
ADETHERM TASSELLO 190	length 190 mm - Fixable thck. 150 mm
ADETHERM TASSELLO 210	length 210 mm - Fixable thck. 170 mm
ADETHERM TASSELLO 230	length 230 mm - Fixable thck. 190 mm

ADETHERM BASE

Starting profile in aluminium with drainer.



COLOUR	CODE	PACKAGE	THICKNESS
Aluminium	code upon request	10-piece box	5 cm
Aluminium	code upon request	10-piece box	6 cm
Aluminium	code upon request	10-piece box	8 cm
Aluminium	code upon request	10-piece box	10 cm
Aluminium	code upon request	10-piece box	12 cm
Aluminium	code upon request	10-piece box	14 cm
Aluminium	code upon request	10-piece box	16 cm

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PRODUCT FEATURES

- Aluminium shaped profile necessary for the correct installation of the insulating panels.
- It allows to give perfect horizontality to the panels, ensuring the correct installation of the entire insulation system.

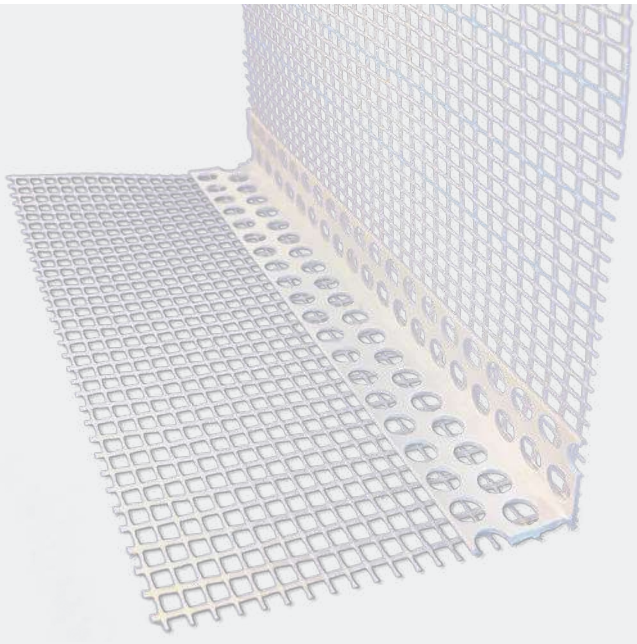
USE

- In over-coated insulation systems as starting support on which the insulating panels are bonded precisely and securely.

TECHNICAL DATA	**(at +23°C and 50% R.H.)**
Appearance	metal profile
Colour	aluminium
Thickness	0.8 - 1.2 mm
Tolerances on the height of the bars	5 mm
Dimensions:	
ADETHERM BASE 50	width 50 mm - length 2.50 m
ADETHERM BASE 60	width 60 mm - length 2.50 m
ADETHERM BASE 80	width 80 mm - length 2.50 m
ADETHERM BASE 100	width 100 mm - length 2.50 m
ADETHERM BASE 120	width 120 mm - length 2.50 m
ADETHERM BASE 140	width 140 mm - length 2.50 m
ADETHERM BASE 160	width 160 mm - length 2.50 m
Storage	Store in the original packaging, in a dry place and away from sunlight at temperatures between 0°C and +30°C.

ADETHERM PARASPIGOLO 80x120

Fibreglass mesh corner, shaped with PVC profile to be positioned at 90° angles and corners.



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	code upon request	50-piece box / 125 m	-	-

PRODUCT FEATURES

- Fibreglass mesh profile, heat-sealed, shaped and reinforced in PVC for the construction and protection of corners, sharp edges and edges.
- Primed and non-detachable mesh.

USE

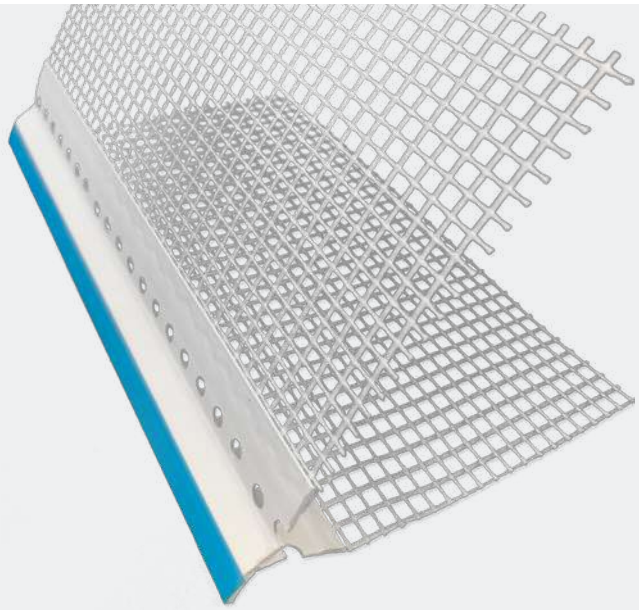
- In over-coated insulation systems for the protection and reinforcement of corners, sharp edges and edges.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	profile in PVC and fibreglass
Colour	white
Mesh weight	165 g/m²
Mesh dimensions	3.5 x 3.5 mm
Mesh average thickness	0.52 mm
Dimensions	mesh width 230 mm length 2.50 m
Storage	Store in the original packaging, in a dry place and away from sunlight at temperatures between 0°C and +30°C.

APPLICATION DATA	
Average tensile strength	2407.7 N/50 mm (warp) 2105.4 N/50 mm (weave)
Average tensile elongation	3.70% (warp) 3.55% (weave)
Chemical-physical resistance	resistant to alkali and UV rays

ADETHERM GOCCIOLATOIO 100

PVC corner with fibreglass mesh to be positioned at edges to stop water from flowing.



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	code upon request	25-piece box / 62.5 m	-	-

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PRODUCT FEATURES

- PVC profile with heat-sealed fibreglass mesh, necessary for the construction of drainers in balconies, window lintels and bins.
- Primed and non-detachable mesh.
- It stops water from flowing at the corner and prevents infiltration towards the inside.
- The PVC part is coated with a film which, once removed, can be painted after levelling.

USE

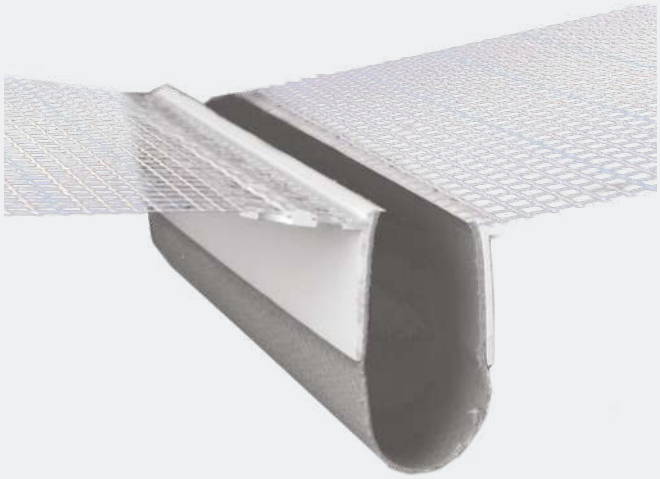
- In over-coated insulation systems, in balconies, window lintels and bins to stop water from flowing towards the inside.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	profile in rubber and fibreglass
Colour	white
Mesh weight	165 g/m²
Mesh dimensions	3.5 x 3.5 mm
Mesh average thickness	0.52 mm
Dimensions	mesh width 100 x 100 mm length 2.50 m
Storage	Store in the original packaging, in a dry place and away from sunlight at temperatures between 0°C and +30°C.

APPLICATION DATA	
Average tensile strength	2407.7 N/50 mm (warp) 2105.4 N/50 mm (weave)
Average tensile elongation	3.70% (warp) 3.55% (weave)
Chemical-physical resistance	resistant to alkali and UV rays

ADETHERM GIUNTO 135

Linear PVC joint with fibreglass mesh for sealing expansion joints.



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	code upon request	25-piece box / 62.5 m	-	-

PRODUCT FEATURES

- PVC profile with heat-sealed fibreglass mesh, necessary for sealing expansion joints on adjacent, aligned and flat surfaces.
- Primed and non-detachable mesh.
- Suitable for joint widths between 5 and 30 mm.

USE

- In over-coated insulation systems for sealing the expansion joint between two detached and adjacent surfaces, aligned with each other.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	profile in rubber and fibreglass
Colour	white
Mesh weight	165 g/m²
Mesh dimensions	3.5 x 3.5 mm
Mesh average thickness	0.52 mm
Dimensions	mesh width 135 x 135 mm length 2.50 m
Storage	Store in the original packaging, in a dry place and away from sunlight at temperatures between 0°C and +30°C.

APPLICATION DATA	
Average tensile strength	2407.7 N/50 mm (warp) 2105.4 N/50 mm (weave)
Average tensile elongation	3.70% (warp) 3.55% (weave)
Chemical-physical resistance	resistant to alkali and UV rays

ADETHERM SOTTOFINESTRA 100

Aluminium profile to be positioned
underneath the projection of window sills.



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Aluminium	code upon request	10-piece box / 25 m	-	-

05

PRODUCT FEATURES

- Shaped aluminium profile required for covering and protecting the insulating panel at the projection of window sills.
- It allows to cover the thickness of the insulating panel underneath and adjacent to the projection of window sills, thus avoiding to have to replace the existing window sills.
- It provides the right protection on the thickness of the insulating panel to prevent infiltration of rain water.

USE

- In over-coated insulation systems for covering and protecting the insulating panel at the projection of window sills.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	metal profile
Colour	aluminium
Thickness	0.8 - 1.2 mm
Tolerances on the height of the bars	5 mm
Dimensions:	width 100 mm length 2.50 m
Storage	Store in the original packaging, in a dry place and away from sunlight at temperatures between 0°C and +30°C.

ADETHERM FINESTRA 9x135

Profile in PVC and fibreglass mesh for sealing connection joints in doors and windows.



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	code upon request	30-piece box / 72 m	-	-

PRODUCT FEATURES

- PVC profile with heat-sealed fibreglass mesh, necessary for sealing connection joints in doors and windows.
- Primed and non-detachable mesh.
- It allows to protect and insulate the interface between insulating panels on the reveal and frames of windows and doors, ensuring an excellent sealing against atmospheric agents.

USE

- In over-coated insulation systems for sealing the connection joint at doors and windows.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	profile in PVC and fibreglass
Colour	white
Mesh weight	165 g/m²
Mesh dimensions	3.5 x 3.5 mm
Mesh average thickness	0.52 mm
Dimensions	PVC width 9 mm mesh width 13.5 cm length 2.40 m
Storage	Store in the original packaging, in a dry place and away from sunlight at temperatures between 0°C and +30°C.

APPLICATION DATA	
Average tensile strength	2407.7 N/50 mm (warp) 2105.4 N/50 mm (weave)
Average tensile elongation	3.70% (warp) 3.55% (weave)
Chemical-physical resistance	resistant to alkali and UV rays

ADETHERM RETE 150

Alkali-resistant and non-detachable fibreglass mesh for over-coated insulation systems.



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	code upon request	Roll of 1 x 50 m	-	-

PRODUCT FEATURES

- Non-detachable fibreglass mesh, primed and resistant to alkaline agents, suitable for micro-reinforcing the levelling layer of insulating panels in ADETHERM over-coated insulation systems.
- It allows the uniform distribution of the tensions due to thermal changes, mechanical stress, shrinkage, etc. to which the system is subjected and greatly reduces the risk of cracks or tears.
- A correct reinforcement of the levelling layer also provides greater protection for the insulating slabs underneath.

USE

- In over-coated insulation systems for the correct reinforcement, protection, to bond and make the insulating panels and the whole system solid.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	fibreglass mesh
Colour	white
Mesh weight	150 g/m²
Mesh dimensions	4 x 5 mm
Storage	Store in the original packaging, in a dry place and away from sunlight at temperatures between 0°C and +30°C

APPLICATION DATA	
Average tensile strength	1750 N/50 mm (warp) 1550 N/50 mm (weave)
Chemical-physical resistance	resistant to alkali

ADETHERM RETE PLUS 150

Very high quality, alkali-resistant and non-detachable fibreglass mesh for over-coated insulation systems.



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	code upon request	Roll of 1 x 50 m	-	-

PRODUCT FEATURES

- Very high quality, non-detachable fibreglass mesh, primed and resistant to alkaline agents, suitable for micro-reinforcing the levelling layer of insulating panels in ADETHERM over-coated insulation systems.
- It allows the uniform distribution of the tensions due to thermal changes, mechanical stress, shrinkage, etc. to which the system is subjected and greatly reduces the risk of cracks or tears.
- A correct reinforcement of the levelling layer also provides greater protection for the insulating slabs underneath.
- The high quality of the priming and the fineness of the glass fibres make ADETHERM RETE PLUS 150 suitable for the most demanding applications.

USE

- In over-coated insulation systems for the correct reinforcement, protection, to bond and make the insulating panels and the whole system solid.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	fibreglass mesh
Colour	white
Mesh weight	150 g/m²
Mesh dimensions	4 x 5 mm
Storage	Store in the original packaging, in a dry place and away from sunlight at temperatures between 0°C and +30°C.

APPLICATION DATA	
Average tensile strength	1750 N/50 mm (warp) 1550 N/50 mm (weave)
Chemical-physical resistance	resistant to alkali

ADEBLOCK

Single-component adhesive and levelling grout for the installation of cellular cement blocks.



CE EN 998-1 GP CSIII

CE EN 998-2 T-M5



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2901025	25 kg bag	60 packages x 25 kg = 1500 kg	7 - 8 kg/m² of wall for 25-cm wide blocks

05

PRODUCT FEATURES

- Single-component adhesive based on special cements, selected grain size aggregates and additives.
- Excellent applicability and water retention.
- For indoor and outdoor use.
- Product certified **REI 180** for fire resistance.
- Classification **GP-CSIII** according to the European Norm **EN 998-1**.
- Classification **T-M5** according to the European Norm **EN 998-2**.

USE

- Installation and bonding of expanded cellular cement blocks.
- Levelling of walls in expanded cellular cement blocks.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Powder volume mass	1.5 g/cm³
Colour	white
Storage	12 months in the original packaging and in a dry place
Mixing ratio	5.75 - 6.25 l of water every 25 kg
Pot life	6 hours
Mix volume mass	1.6 g/cm³
Mix pH	> 12
Application temperature	from +5°C to +35°C
Open time	15 minutes
Adjustment time	40 minutes
Final hardening	after 14 days

FINAL PERFORMANCE	
Resistance: to humidity	excellent
to compression	> 5.0 N/mm²
to flexure	> 3.0 N/mm²
to tear on blocks	> 0.5 N/mm²
Vapour permeability coefficient	(μ) < 12


ADESITAL ADESITAL

SUBSTRATE PREPARATION

06

STARCEM

Binder for screeds
with fast-medium drying.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey	2954020	20 kg bag	50 packages x 20 kg = 1000 kg	2 - 2.5 kg/m² every cm of thickness

06

PRODUCT FEATURES

- Powder binder for screeds based on special cements and additives.
- Mix STARCEM mixed in the yard with aggregates featuring a grade curve from 0 to 8 mm and with clean water.
- With semi-rapid setting: it is ready for traffic after 24 hours and is completely dry 7-10 days after the application.
- It hardens without shrinkage.
- Ceramic floors can be installed already after 48 hours and wood can be installed after 7 - 10 days.
- Very low VOC emissions (class EC1 plus).

USE

- Preparation of fast-curing screeds, both floating (min. thickness 4 cm) and anchored (by slurry of LATEX G 100, STARCEM, water).
- Installation of screeds for applying floors in wood, PVC, carpet, linoleum and ceramic tiles.
- Preparation of screeds enclosing heating coils.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	grey
Storage	12 months in the original packaging and in a dry place
Mixing ratio	200 - 250 kg with 1 m³ of aggregates featuring a grade curve from 0 to 8 mm or 1 20 kg bag with 140 - 160 kg of aggregates
Mixing water	as necessary for a “wet clay” body without floating water
Mixing time	3 - 5 minutes
Pot life	40 - 60 minutes
Application temperature	from +5°C to +35°C
Ready for traffic	after 24 hours
Residual humidity after 7 days	< 2%
Waiting time for the installation of ceramic floors	48 hours
Waiting time for the installation of wooden and PVC floors	8 days, after checking by carbide hygrometer

FINAL PERFORMANCE

	Resistance to compression (N/mm²)	Residual humidity %
After 1 day	> 5.0	4
After 3 days	> 10.0	3
After 7 days	> 20.0	2
After 28 days	> 30.0	1

STARCEM PRONTO 2.0

Ready-for-use screed with fast-medium drying with high thermal conductivity 2.0 W/mK.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey	2955025	25 kg bag	60 packages x 25 kg = 1500 kg	18 - 20 kg/m² every cm of thickness

PRODUCT FEATURES

- Pre-mixed screed based on special binders, selected sands and additives.
- Mix in the yard with clean water without adding aggregates.
- High thermal conductivity 2.0 W/mK.
- With semi-rapid setting, it is set for light foot traffic after 12 hours and is completely dry 7 - 10 days after the application.
- It hardens without shrinkage.
- Ceramic floors can be installed already after 48 hours and parquet can be installed after 7 - 10 days.
- Classification **CT C30-F6 A1fl** according to the European Norm **EN 13813.**
- Very low VOC emissions (class EC1 plus).

USE

- Preparation of fast-curing screeds, both floating (min. thickness 4 cm) and anchored (by slurry of LATEX G 100, STARCEM, water).
- Installation of screeds for applying floors in wood, PVC, carpet, linoleum and ceramic tiles.
- Preparation of screeds enclosing heating coils.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	grey
Deformability	not deformable
Apparent volume mass	1.5 g/cm³
Storage	12 months in the original packaging and in a dry place
Mixing ratio	1.7 l of water every 25 kg
Mix volume mass	2.00 g/cm³
Mixing time	3 - 4 minutes
Pot life	40 - 60 minutes
Thermal conductivity	2.00 W/mK
Application temperature	from +5°C to +35°C
Ready for foot traffic	after 12 hours
Waiting time for the installation of ceramic floors	48 hours
Waiting time for the installation of wooden and PVC floors	7 days

FINAL PERFORMANCE

	Resistance to compression (N/mm²)	Resistance to flexure (N/mm²)	Residual humidity %
After 1 day	> 15.0	> 4.0	4
After 3 days	> 20.0	> 5.0	3
After 7 days	> 25.0	> 6.0	2
After 28 days	> 30.0	> 6.0	1

ALS 80 RAPID

Self-levelling product with ultrarapid setting for thickness from 3 to 30 mm.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey	2922025	25 kg bag	50 packages x 25 kg = 1250 kg	1.4 kg/m² every mm of thickness

06

PRODUCT FEATURES

- Grey powder product based on rapid setting cements, selected graded sands, synthetic resins and additives making the drying remarkably faster.
- Self-levelling product for indoor application, easy to work and to apply and with an excellent adhesiveness.
- For thickness from 3 to 30 mm in a single coat.
- It evenly hardens in a few hours without shrinkage.
- Highly resistant to compression and abrasion.
- Suitable for levelling substrates before tiling.
- Classification **CT C35-F7 A2$_{fl-s1}$** according to the European Norm **EN 13813**.
- Very low VOC emissions (class EC1 plus).

USE

- Levelling of cementitious substrates for thickness from 3 to 30 mm.
- Levelling before the installation of ceramic tiles, natural stones, wood, PVC and carpet.
- Levelling of suitably prepared existing floors (after application of ADEGRIP).

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	grey
Apparent volume mass	1.1 g/cm²
Storage	12 months in the original packaging and in a dry place
Mixing ratio	4.5 - 4.75 l of water every 25 kg
Pot life	30 minutes
Mix volume mass	2.0 g/cm²
Mix pH	12
Workability time	30 - 40 minutes
Setting time	60 - 90 minutes
Application temperature	from +5°C to +35°C
Ready for traffic	after 3 hours
Time necessary before bonding	from 1 days to 3 days depending on the thickness and on the temperature

FINAL PERFORMANCE	
Resistance to compression: after 1 day	20.0 N/mm²
after 7 days	30.0 N/mm²
after 28 days	37.0 N/mm²
Resistance to flexure: after 1 day	3.5 N/mm²
after 7 days	5.0 N/mm²
after 28 days	8.0 N/mm²
Resistance to abrasion after 28 days	0.7 g
Brinell hardness after 28 days	75.0 N/mm²

AL 70 RAPID

Self-levelling product with ultrarapid setting for thickness up to 10 cm.



EN 13813 CT CEMENTITOUS SCREEDS C30-F7 A2fl-S1

GEV-EMICODE EC 1 PLUS very low emission



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Beige	2921025	25 kg bag	50 packages x 25 kg = 1250 kg	1.4 kg/m² every mm of thickness

PRODUCT FEATURES

- Beige powder product based on rapid setting cements, selected graded sands, synthetic resins and additives making the drying remarkably faster.
- Self-levelling product for indoor applications, easy to work and to apply, smooth and calibrated surface.
- For thickness up to 10 mm in a single coat.
- It evenly hardens in a few hours without shrinkage.
- Highly resistant to compression and abrasion.
- Suitable for levelling substrates before tiling.
- Classification **CT C30-F7 A2fl-S1** according to the European Norm **EN 13813**.
- Very low VOC emissions (class EC1 plus).

USE

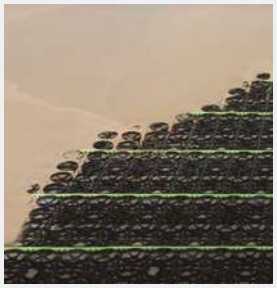
- Levelling of cementitious substrates for thickness up to 10 mm.
- Levelling before the installation of ceramic tiles, natural stones, wood, PVC and carpet.
- Levelling of suitably prepared existing floors (after application of ADEGRIP).

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	beige
Storage	12 months in the original packaging and in a dry place
Apparent volume mass	1.1 g/cm³
Mixing ratio	5.75 - 6.0 l of water every 25 kg
Pot life	30 minutes
Mix volume mass	1.9 g/cm³
Mix consistency	very fluid, self-levelling
Mix pH	12
Workability time	20 - 30 minutes
Setting time	45 - 60 minutes
Application temperature	from +5°C to +35°C
Ready for traffic	after 3 - 4 hours
Time necessary before bonding	12 hours

FINAL PERFORMANCE	
Resistance to compression after 1 day	15.0 N/mm²
after 7 days	22.0 N/mm²
after 28 days	32.0 N/mm²
Resistance to flexure after 1 day	3.5 N/mm²
after 7 days	6.0 N/mm²
after 28 days	9.0 N/mm²
Resistance to abrasion after 28 days	0.7 g (as weight loss)
Brinell hardness after 28 days	75.0 N/mm²

ADEPLAN THERMO

Cementitious levelling product with high thermal conductivity (1.70 W/mK) for thickness from 3 to 40 mm, indicated for floor heating systems with low thickness.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Hazel-grey	1495125AD	25 kg bag	50 packages x 25 kg = 1250 kg	1.8 kg/m² every mm of thickness

06

PRODUCT FEATURES

- Hazel-grey powder product based on rapid setting cements, selected graded sands, reinforcing fibres, synthetic resins and additives.
- Mixed with water only, it allows to obtain an extremely fluid levelling product with rapid drying.
- Levelling product, easy to use and apply, allows applications from 3 to 40 mm in one coat.
- Its high thermal conductivity and the mechanical performance make it suitable for the construction of installation substrates with low thickness underfloor heating and cooling systems.
- Thanks to its technology it allows to obtain radiant floors with a high performance and low thermal inertia.
- The product is intended for indoor use only.
- Classification **CT C20-F4 A1fl** according to the European Norm **EN 13813**.
- Very low VOC emissions (class EC1 plus).

USE

- Levelling of traditional substrates with thickness from 3 to 40 mm, such as heating cementitious screeds.
- Realization of screeds incorporating thin heating systems, positioned above old cementitious screeds or tiles.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	hazel-grey
Powder volume mass	1.3 g/cm³
Storage	12 months in the original packaging and in a dry place
Mixing ratio	4.0 - 4.5 l of water every 25 kg
Pot life	30 minutes
Mix volume mass	2.1 g/cm³
Mix pH	> 12
Workability time	30 - 40 minutes
Initial setting time	50 minutes
Final setting time	90 minutes
Application temperature	from +5°C to +35°C
Ready for traffic	after 4 hours
Waiting time for the installation	from 4 days to 8 weeks depending on the thickness

FINAL PERFORMANCE	
Resistance to compression:	
after 1 day	13.0 N/mm²
after 7 days	16.0 N/mm²
after 28 days	21.0 N/mm²
Resistance to flexure: after 1 day	2.0 N/mm²
after 7 days	3.0 N/mm²
after 28 days	4.5 N/mm²
Resistance to abrasion after 28 days	3.7 g (as weight loss)
Brinell hardness after 28 days	100 N/mm²

APPLICATION CYCLE

CREATION OF A THIN RADIATING FLOOR IN THE RENOVATION OF A HOME WITHOUT DEMOLISHING.

USED ADESITAL PRODUCTS:

- ADEGRIP
- ADEPLAN THERMO
- ADEFLEX LIGHT S1



01

Old floor in a home with traditional heating.



02

Application of the adhesion primer **ADEGRIP.**



03

Installation with fixing of thin radiating panels.



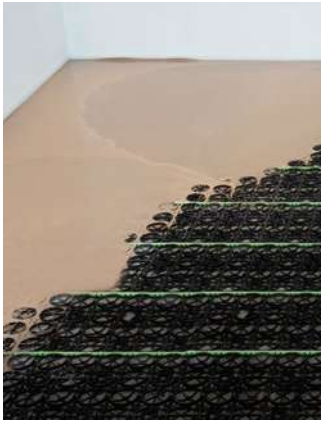
04

Positioning the heating coil.



05

Application of **ADEPLAN THERMO** to incorporate the panels and the heating coil inside it.



06

ADEPLAN THERMO has high fluidity: it facilitates the covering of the panels and, with a thickness of only 5 mm above them, a substrate suitable for the installation can be obtained.



07

Application of the cementitious adhesive **ADEFLEX LIGHT S1** on the dry substrate. Installation of the new ceramic tiles.



08

Installation of porcelain stoneware slabs.

ADEPLAN RD 120

Levelling, waterproofing grout with high adhesion for plastic coating and concrete. Available in two different grain sizes: fine G6 (0.6 mm) - coarse G10 (1.0 mm).



CE EN 998-1 GP CSIV

CE EN 1504-2 (C) MC-IR



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White G6	2224925AD	25 kg bag	50 packages x 25 kg = 1250 kg	1.3 kg/m² every mm of thickness
Grey G6	2224825AD	25 kg bag	50 packages x 25 kg = 1250 kg	1.3 kg/m² every mm of thickness
White G10	2228625AD	25 kg bag	50 packages x 25 kg = 1250 kg	1.3 kg/m² every mm of thickness
Grey G10	2228925AD	25 kg bag	50 packages x 25 kg = 1250 kg	1.3 kg/m² every mm of thickness

06

PRODUCT FEATURES

- Powder waterproofing and levelling grout based on cement, silica sands, synthetic binders and special additives.
- Excellent applicability, workability and adhesion.
- It can be applied with thickness of 3 mm every coat.
- In two different finishing degrees: fine white coat G6 (0.6 mm) and coarse white coat G10 (1.0 mm), in white and grey.
- It enables to obtain base coats ready for any finishing on substrates made up of old concrete or plastic coating, indoors and outdoors.
- Classification **GP CSIV** according to the European Norm **EN 998-1** and **MC-IR** according to the European Norm **EN 1504-2(C)**.

USE

- Levelling before the installation of ceramic tiles.
- Levelling of well fixed and consistent plastic or mineral old wall tiling.
- Levelling of consistent and well bonded old quartz paints.
- Levelling of cementitious renders.
- Levelling of concrete.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white / grey
Powder volume mass	1.3 g/cm³
Grain size	0.6 mm (G6) - 1.0 mm (G10)
Storage	12 months in the original packaging and in a dry place
Finishing degree	fine or coarse white coat

APPLICATION DATA	
Mixing ratio	ADEPLAN RD 120 G6 5.0 - 5.75 l of water every 25 kg ADEPLAN RD 120 G10 4.75 - 5.5 l of water every 25 kg
Mix volume mass	1.7 g/cm³
Coat thickness	3 mm
Pot life	1 hour
Applicability	excellent
Application temperature	from +5°C to +35°C
Setting time	3 - 8 hours
Waiting time for application between coats	30 minutes
Waiting time for the float finishing	15 minutes
Waiting time for the painting	7 days
Waiting time for the installation of wall ceramic tiles	7 days

FINAL PERFORMANCE	
Adhesion on concrete after 28 days	> 1.0 N/mm²
Adhesion on plastic coating	> 1.0 N/mm²
Resistance to compression after 28 days	> 16.0 N/mm²
Resistance to flexure after 28 days	> 4.0 N/mm²
Waterproofing expressed as permeability coefficient	W < 0.1 – Class III
Water vapour permeability	SD < 0.5 Class I (vapour permeable)
Water absorption by capillarity	W2 (≤ 0.2)
Fire reaction	E

ADEPLAN MAXI

Water-resistant levelling grout based on lime-cement for fine coat finishing, for thicknesses from 2 to 10 mm for cementitious renders, plastic coatings and concrete.



CE EN 998-1 GP CSIV

CE EN 1504-3 R2-PCC

GEV-EMICODE EC 1 PLUS very low emission



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2759725AD	25 kg bag	50 packages x 25 kg = 1250 kg	approx. 1.5 kg/m² every mm of thickness

PRODUCT FEATURES

- White levelling grout, fibre-reinforced and water-resistant, composed of hydraulic and aerial binders, marble and quartz sands, special additives and resins.
- Excellent adhesion on different substrate types, such as concrete, renders and old plastic coatings.
- It fulfils the principles defined in **EN 1504-9**.
- It fulfils the requirements of **EN 1504-3** for class **R2** non-structural mortars and is classified **GP**, category **CS IV** according to **EN 998-1.**
- It can be used and applied in thicknesses between 2 and 10 mm.
- Very low VOC emissions (class EC1 plus).

USE

- Levelling of concrete elements, particularly resistant cementitious renders.
- Levelling of walls, also on existing paints such as washable acrylic paints, quartz paints, plastic coatings etc. as long as they are consistent, clean and well anchored.
- Levelling of panels in gypsum board (previously treated with Primer GS).
- It can be coated with paints or thin coats, both mineral and synthetic.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	fine powder
Colour	white
Max. aggregate size (EN 1015-1)	< 0.6 mm
Storage	12 months (in the original packaging and in a dry place)
Finishing degree	white coat
Mixing ratio	5.5 - 6.0 l of water every 25 kg bag
Mix volume mass	1.7 g/cm³
Pot life	approx. 1 hour
Application temperature	from +5°C to +35°C
Mix pH	> 12
Max. thickness	10 mm

FINAL PERFORMANCE	
Resistance to compression (MPa) EN 12190	3 (after 1 day), 12 (after 7 days), 16 (after 28 days)
Adhesion on concrete (MC 0.4 type substrate) According to EN 1766 (MPa)	≥ 1.0 (after 28 days)
Capillary absorption (kg/m²*h0.5) EN 13057	≤ 0.5
Adhesion to substrate plastic coatings (N/mm²)	>0.8 (*)
Vapour permeability coefficient (μ) EN 1015-19	≤35
Reaction to fire (EN 13501-1)	E

ADEPLAN RD 80

Highly resistant levelling grout for concrete and cementitious substrates.



EN 998-1 GP CSIV

EN 1504-2 MC-IR



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2950025	25 kg bag	50 packages x 25 kg = 1250 kg	approx. 1.5 kg/m² every mm of thickness
Grey	2951025	25 kg bag	50 packages x 25 kg = 1250 kg	approx. 1.5 kg/m² every mm of thickness

06

PRODUCT FEATURES

- Powder levelling grout based on cements, selected grain size aggregates, resins and additives.
- Excellent application and thixotropy for an easier wall application.
- Excellent adhesiveness on concrete.
- White coat finishing.
- It enables to obtain base coats ready for any finishing on cementitious substrates or concrete, indoors and outdoors.
- Classification **GP CSIV** according to the European Norm **EN 998-1** and **MC-IR** according to the European Norm **EN 1504-2**.

USE

- Levelling of rendered walls and screeds with irregular surface, before installing ceramics, decorations or painting.
- Levelling of new or old concrete walls, prefabricated panels, joints between predalles slabs.
- It can be coated with both mineral and synthetic paints or decorating coats.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white / grey
Finishing degree	white coat
Storage	12 months in the original packaging and in a dry place
Mixing ratio	6.0 - 6.5 l of water every 25 kg
Pot life	2 hours
Mix pH	12
Application temperature	from +5°C to +35°C
Max. coat thickness	3 mm
Waiting time between coats	30 minutes
Waiting time for the float finishing	15 minutes
Waiting time for the painting	3 - 4 weeks

FINAL PERFORMANCE	
Resistance to compression	> 12.0 N/mm²
Resistance to flexure	> 6.0 N/mm²
Adhesion on concrete	> 1.0 N/mm²

ADEPLAN RF 60

Ultra-white, extra-fine levelling grout for render and concrete walls with smooth finishing.



CE
EN 998-1
GP CSIV



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	222820AD	20 kg bag	50 packages x 20 kg = 1000 kg	approx. 1.5 kg/m² every mm of thickness

PRODUCT FEATURES

- Extra-white powder levelling grout based on cement, lime, Carrara marble with controlled and guaranteed white shade, resins and additives.
- Thickness up to 3 mm every coat.
- For indoor and outdoor applications.
- Easy to sandpaper, for a perfectly smooth finishing.
- It is featured by an excellent applicability and thixotropy for an easier wall application.
- Classification **GP CSIV** according to the European Norm **EN 998-1**.

USE

- Levelling of renders based on lime and cement.
- Levelling of ADESAN line restoration renders.
- Levelling of concrete walls.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white
Storage	12 months in the original packaging and in a dry place
Mixing ratio	7.8 - 8.6 l of water every 20 kg
Pot life	2 hours
Mix pH	12
Application temperature	from +5°C to +35°C
Max. coat thickness	3 mm
Waiting time between coats	30 minutes
Waiting time for the float finishing	15 minutes
Waiting time for the painting	3 - 4 weeks

FINAL PERFORMANCE	
Resistance to compression	> 6.0 N/mm²
Resistance to flexure	> 3.0 N/mm²
Adhesion on concrete	> 0.4 N/mm²

ADEPLAN RC 70

Lime-cement based levelling grout for fresh and cured renders. Fine white coat finishing.



CE
EN 998-1
GP CSIII



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2232125	25 kg bag	50 packages x 25 kg = 1250 kg	approx. 1.5 kg/m² every mm of thickness
Grey	2231125	25 kg bag	50 packages x 25 kg = 1250 kg	approx. 1.5 kg/m² every mm of thickness

06

PRODUCT FEATURES

- Powder levelling grout for renders composed of hydraulic and aerial binders, marble and quartz sands, special additives and resins.
- Fine white coat finishing.
- Thickness up to 3 mm.
- It is featured by an excellent applicability and workability for an easier application on traditional and pre-mixed, fresh or cured, substrate raw renders.
- Classification **GP CSIII** according to the European Norm **EN 998- 1**.

USE

- Finishing of traditional or pre-mixed renders based on lime-cement with the “wet on wet” technique.
- Finishing of traditional or pre-mixed cured renders based on lime-cement.
- It can be coated with both mineral and synthetic paints or thin film coats.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white / grey
Finishing degree	fine white coat
Storage	12 months in the original packaging and in a dry place
Mixing ratio	6.8 - 7.3 l of water every 25 kg
Pot life	2 hours
Mix pH	12
Application temperature	from +5°C to +35°C
Max. thickness	3 mm
Waiting time between coats	30 minutes
Waiting time for the float finishing	15 minutes
Waiting time for the painting	3 - 4 weeks

FINAL PERFORMANCE	
Resistance to compression after 28 days	> 5.0 N/mm²
Resistance to flexure after 28 days	> 3.0 N/mm²
Adhesion on cured substrates after 28 days	> 0.5 N/mm²

ADEPLAN RC 170

Lime-cement based levelling grout with excellent white shade and workability, for fresh and cured renders. Fine white coat finishing.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	2231225	25 kg bag	50 packages x 25 kg = 1250 kg	approx. 1.5 kg/m² every mm of thickness

PRODUCT FEATURES

- Powder levelling grout for renders composed of hydraulic and aerial binders, marble and quartz sands, special additives and resins.
- Fine white coat finishing.
- Thickness up to 3 mm.
- It is featured by a improved application and workability for an easier application on traditional and pre-mixed, fresh or cured, substrate raw renders.
- Classification **GP CSIII** according to the European Norm **EN 998- 1**.
- Very low VOC emissions (class EC1 plus).

USE

- Finishing of traditional or pre-mixed renders based on lime-cement with the “wet on wet” technique.
- Finishing of traditional or pre-mixed cured renders based on lime-cement.
- It can be coated with both mineral and synthetic paints or thin film coats.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	white
Storage	12 months (in the original packaging and in a dry place)
Mixing ratio	5.5 - 6.0 l of water every 25 kg bag
Pot life	2 hours
Application temperature	from +5°C to +35°C
Mix pH	> 12
Max. thickness	3 mm
Waiting time between coats	30 minutes
Waiting time for the float finishing	15 minutes
Waiting time for the painting	3 - 4 weeks

FINAL PERFORMANCE	
Finishing degree	fine white coat
Resistance to compression	4 N/mm²
Adhesion to cured substrates	> 0.5 N/mm²

ADERIP

Epoxy grout for bonding new on old concrete and for monolithic sealing of screed cracks.



CE
EN 1504-4



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey Comp. A	152102AD	1.5 kg drum	-	Bonding new on old concrete: 0.5 - 2.0 kg/m² Crack sealing: 1.35 kg every l of cavity to be filled
Grey Comp. B	153102AD	0.5 kg drum	-	-

06

PRODUCT FEATURES

- Two-component epoxy adhesive, to be mixed at the application.
- Ideal for bonding new on old concrete and for monolithic sealing of screed cracks.
- It is conform to the European Norm **EN 1504-4.**

USE

- Crack and fissure sealing on cementitious screeds.
- Crack sealing in concrete.
- Creating monolithic joining between new and old concrete.
- Bonding new on old concrete on damaged industrial flooring.

TECHNICAL DATA (at +23°C and 50% R.H.)

	Component A	Component B
Appearance	fluid paste	fluid paste
Colour	grey	grey
Mixing ratio	3	1
Storage	24 months in the packaging at temperature higher than +5°C	
Mix volume mass	1.35 g/cm³	
Brookfield viscosity	4,500 mPa.s	
Workability time at +23°C	60 minutes	
Workability time at 30°C	30 minutes	
Open time at +10°C	5-6 hours	
Open time at +23°C	3-4 hours	
Open time at +30°C	1.5-2.5 hours	
Min. application temperature	+5°C	
Final hardening	after 15 days at +20°C	

FINAL PERFORMANCE

Adhesion on concrete	3.0 N/mm² (concrete failure)
Resistance to compression	70.0 N/mm²
Compression elastic module	3000 N/mm²

ADURIT

Hardener for cementitious screeds.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
-	109125AD	25 kg drum	24 packages x 25 kg = 600 kg	about 0.5 - 0.7 kg/m², depending on porosity

PRODUCT FEATURES

- Ready-for-use product based on silicates that, applied on cement products, increases the surface hardness and compactness, with anti-dust and porosity reducing effect.
- Hardness and resistance gradually increase in time by about 30% compared to the initial values.

USE

- Hardening of porous or crumbling old and new cementitious screeds.
- Stone patches in concrete items.
- Anti-dust for wear-subject slabs.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	liquid
Colour	transparent
Storage	24 months in the original packaging and in a dry place
Volume mass	1.0 g/cm³
Drying	24 hours
Application temperature	from +5°C to +35°C

PRIMER GS

Synthetic resin based primer
in water dispersion.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Light blue	020125AD	25 kg drum	24 packages x 25 kg = 600 kg	150 - 200 kg/m², depending on the porosity of the surface to be treated
Light blue	020105AD	5 kg drum	128 packages x 5 kg = 640 kg	150 - 200 kg/m², depending on the porosity of the surface to be treated

06

PRODUCT FEATURES

- Ready-for-use primer based on synthetic resins in water dispersion with high penetration.
- Suitable for the strengthening and insulation of cementitious substrates.
- It prevents unwished and harmful chemical reactions between layers of varied nature.
- Very low VOC emissions (class EC1 plus).

USE

- Insulating treatment of gypsum or anhydrite surfaces prior to applying cementitious adhesives.
- Absorption reduction of porous surfaces.
- Strengthening of crumbling surfaces.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	liquid
Colour	light blue
Storage	12 months in the original packaging PROTECT AGAINST FROST
Volume mass	1.01 g/cm³
pH	8
Solid residue	20%
Application temperature	from +5°C to +35°C
Drying time	2 hours

FINAL PERFORMANCE	
Resistance to humidity	good
Resistance to aging	excellent
Resistance to solvents and oils	fair
Resistance to acids and alkali	fair

PRIMER P1 PU

Single-component polyurethane primer for waterproofing and strengthening cementitious screeds.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Brown	233010	10 kg drum	-	0.2 - 0.4 kg/m² every coat

PRODUCT FEATURES

- Single-component polyurethane primer that hardens with the humidity in the screed and in the air.
- The product is totally free of solvents, odourless and non-flammable, thus it can also be used close to occupied rooms.
- Low viscosity and high penetration in the substrate.
- Very low VOC emissions (class EC1 plus).

USE

- Strengthening of cementitious screed with poor mechanical resistance due to lack of binder or non-suitable curing.
- Waterproofing of screeds (with 5% max. humidity) before parquet installation.
- Anti-dust treatment for cementitious and anhydrite screeds with inconsistent surface.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	liquid
Colour	brown
Storage	12 months in the original packaging
Volume mass	1.05 g/cm³
Max. residual humidity allowed for waterproofing	5% measured by hygrometer (for screed thickness of about 6 cm)
Solid content	100%
Hazard classification according to the 1999/45/EC directive	harmful Before using, check the information on the package and on the safety sheet

APPLICATION DATA	
Application temperature	from +5°C to +35°C
No more sticky	after 2 - 3 hours
Ready for foot traffic	after 2 - 3 hours
Final hardening	after 24 hours
Waiting time between coats	min. 3 hours max. 24 hours
Min. waiting time before the following applications on the last coat spread with sand	24 - 36 hours

ADEGRIP

Adhesion primer based on dispersion polymers, free of solvents.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey	1560105AD	5 kg drum	80 packages x 5 kg = 400 kg	200 - 300 g/m²

06

PRODUCT FEATURES

- Super adhesive primer based on polymers in water dispersion and selected sands, free of solvents.
- For indoor and outdoor floor and wall applications.
- Recommended as bonding layer on non-absorbing, smooth and compact substrates before applying self-levelling grouts, renders, smoothing or bonding products for ceramics and natural stones.
- Very low VOC emissions (class EC1 plus).

USE

Preparation of substrates made up of:

- Glazed ceramic, marbles and natural stones.
- Levelled concrete and/or treated with epoxy paints.
- Residues of old adhesives for wood, PVC, linoleum, carpet.
- Chipboard and multi-layer panels.
- Metal.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	creamy liquid
Colour	grey
Storage	24 months in the original packaging PROTECT AGAINST FROST
Application temperature	from +5°C to +30°C
Operating temperature	from -30°C to +90°C
Waiting time for applying levelling and smoothing products	from 15 to 60 minutes



WATERPROOFING

07

ADEPROOF ELASTOCEM

Two-component flexible, waterproofing and protective cementitious grout.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
- Comp. A	2940032	24 kg bag	60 packages x 24 kg = 1440 kg	1.7 kg/m² every mm of thickness
- Comp. B	2940532	8 kg drum	60 packages x 8 kg = 480 kg	1.7 kg/m² every mm of thickness
- Liquid only	2940558	8 kg drum	60 packages x 8 kg = 480 kg	1.7 kg/m² every mm of thickness

07

PRODUCT FEATURES

- Two-component grout, based on cements, selected aggregates, additives and special synthetic polymers in water dispersion which ensure flexibility and waterproofing.
- Mixing the two components produces a mix that is easy to apply on horizontal and vertical surfaces, in two coats up to 2 mm thick per coat.
- After the hardening, it creates a protective, waterproof and flexible coat, resistant to aggressive agents.
- Thanks to the high content of synthetic resins and to their quality, it features an excellent adhesion on all the concrete, brick and ceramic surfaces.
- Ideal for creating waterproofing membranes before the installation of ceramic floor tiles.
- Classification **CMO2P** according to the European Norm **EN 14891**; it is conform to the European Norm **EN 1504-2**, principles **PI-MC-IR**.
- Very low VOC emissions (class EC1 plus).

USE

- Realization of waterproofing membranes before the installation of ceramic tiles indoors and outdoors in bathrooms, showers, balconies and swimming-pools.
- Flexible and waterproof protection of concrete surfaces and of renders.
- Waterproof and protective coating of concrete surfaces subject to chemical aggressions, such as anti-frost salts, sulphates, etc.
- Waterproof and flexible levelling of micro-cracked renders.
- Flexible levelling of concrete structures with thin sections, thus subject to load strain (e.g. prefabricated structures).

TECHNICAL DATA		(at +23°C and 50% R.H.)
	Component A	Component B
Appearance	powder	liquid
Colour	grey	white
Volume mass	1.4 g/cm³	1.1 g/cm³
Solid residue	100%	50%
Storage	12 months	24 months
Mix colour		grey
Mixing ratio Comp. A : Comp. B		3 : 1
Pot life		60 minutes
Consistency		plastic / easy to apply
Volume mass		1.7 g/cm³
Application temperature		from +8°C to +35°C
Max. coat thickness		2 mm
Waiting time between coats		4 - 5 hours
Waiting time for the installation of ceramic tiles		5 days

FINAL PERFORMANCE	
Adhesion on concrete:	
after 28 days, dry	1.0 N/mm²
after 7 days, dry + 21 days, in water	0.6 N/mm²
Elongation	30%
Dynamic crack-bridging at +23°C (EN 1062-7):	Class B3.1 no breakage after 1000 cycles (crack movements from 0.1 to 0.3 mm)
Static crack-bridging at -20°C (EN 1062-7):	> 0.5 mm

ADEPROOF ELASTOCEM RECORD

Two-component rapid, flexible, waterproofing and protective cementitious grout.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
- Comp. A	1676136AD	20 kg bag	50 packages x 20 kg = 1000 kg	2.4 kg/m²
- Comp. B	1676236AD	16 kg drum	36 packages x 16 kg = 576 kg	2.4 kg/m²

PRODUCT FEATURES

- Two-component grout, based on cements, selected aggregates, special additives and synthetic polymers in water dispersion which ensure flexibility and waterproofing.
- Rapid hardening even at low temperatures and on substrates that are not completely dry, provided they are well cured.
- Mixing the two components produces a smooth mix that is easy to apply on horizontal and vertical surfaces, in two coats up to 2 mm thick per coat.
- It creates a protective, waterproof and flexible coat, resistant to UV rays and to aggressive agents.
- Thanks to the high content of synthetic resins and to their quality, it features an excellent adhesion on all the concrete, render and ceramic surfaces.
- Ideal for creating waterproofing membranes before the installation of ceramic floor tiles.
- Classification **CMO1P** according to the European Norm **EN 14891**; it is conform to the European Norm **EN 1504-2**, principles **PI-MC-IR**.
- Very low VOC emissions (class EC1 plus).

USE

- Waterproofing of cementitious screeds and renders before the installation of ceramic tiles indoors and outdoors in bathrooms, showers, balconies and sun stone pavements.
- Waterproofing of swimming-pools in “cured” concrete (for more than 6 months) before the installation of ceramic tiling and mosaics.
- Installation on existing ceramic tiling indoors and outdoors; it enables to overlap a new tiling, recovering the waterproofing, without demolishing the old floor.
- Waterproof and protective coating of concrete surfaces and renders subject to chemical aggressions, such as anti-frost salts, sulphates, etc...
- Waterproof and flexible levelling of micro-cracked renders.
- Flexible levelling of concrete structures with thin sections, thus subject to load strain (e.g. prefabricated structures).

TECHNICAL DATA (at +23°C and 50% R.H.)

	Component A	Component B
Appearance	powder	liquid
Colour	light brown	white
Volume mass	1.3 g/cm³	1.04 g/cm³
Solid residue	100%	54%
Storage	12 months	24 months
	the original packaging in a dry place	

APPLICATION DATA

Mix colour	brown
Mixing ratio Comp. A : Comp. B	1 : 0.8
Pot life	45 minutes
Mix consistency	fluid
Mix volume mass	1.4 g/cm³
Application temperature	from +5°C to +35°C
Max. coat thickness	2 mm
Waiting time between coats	1 - 2 hours depending on the environmental conditions
Waiting time for the installation of ceramic tiles	12 - 24 hours depending on the environmental conditions

FINAL PERFORMANCE

Initial tensile adhesion (EN 14891, Class CMO1P):	≥ 0.5 N/mm²
Water sealing:	no penetration
Crack bridging capacity:	
in normal conditions (+23°C)	≥ 0.75 mm
at low temperature (-5°C, applied with reinforcement)	≥ 0.75 mm

ADEPROOF MONO

Single-component flexible, fibre-reinforced, waterproofing and protective cementitious grout.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey	1674020AD	20 kg bag	50 packages x 20 kg = 1000 kg	1.1 kg/m² every mm of thickness

07

PRODUCT FEATURES

- Single-component grout, based on cements, selected aggregates, synthetic fibres, special additives and acrylic polymers in water dispersion which ensure flexibility and waterproofing.
- Mixing with water only produces a smooth mix that is easy to apply on horizontal and vertical surfaces, in two coats up to 2 mm thick per coat.
- After the hardening, it creates a waterproof and flexible coat, resistant to aggressive weather agents.
- Thanks to the high content of synthetic resins and to their quality, it features an excellent adhesion on all the concrete, brick and ceramic surfaces.
- Ideal for creating waterproofing membranes before the installation of ceramic floor tiles.
- Classification **CMO1P** according to the European Norm **EN 14891**.
- Very low VOC emissions (class EC1 plus).

USE

- Realization of waterproofing membranes before the installation of ceramic floor tiles indoors in bathrooms and showers.
- Realization of waterproofing membranes before the installation of ceramic floor tiles outdoors on balconies and terraces with medium surface; it enables to overlap a new floor, recovering the waterproofing, without demolishing the old floor.
- Flexible and waterproof protection of concrete surfaces and of renders.
- Waterproof and flexible levelling of micro-cracked renders.

TECHNICAL DATA	**(at +23°C and 50% R.H.)**
Appearance	powder
Colour	grey
Apparent volume mass	1.1 g/cm³
Solid residue	100%
Storage	12 months in the original packaging and in a dry place

APPLICATION DATA	
Colour of the dried product	light grey
Mixing ratio	5.4 - 5.8 l of water every 20 kg
Consistency	plastic - easy to apply
Mix volume mass	1.45 g/cm³
Application temperature	from +5°C to +35°C
Pot life	60 minutes
Max. coat thickness	2 mm
Max. total applicable thickness	4 mm
Waiting time between coats	2 - 3 hours
Waiting time for the installation of ceramic tiles	2 days

FINAL PERFORMANCE	
Initial adhesion according to EN 14891-A.6.2	> 1.3 Mpa
Adhesion after immersion in water	> 0.6 Mpa
Adhesion after heating	> 1.5 Mpa
Adhesion after frost-thaw cycles	>0.7 Mpa
Adhesion after immersion in basic water	>0.7 Mpa
Pressure waterproofing (1.5 bar for 7 days, positive thrust)	no penetration
Crack-bridging ability at low temperature -5°C (EN 14891-A.8.3)	> 0.75 mm
Flexibility after 28 days	15%
Fire reaction	E

APPLICATION CYCLE

WATERPROOFING CYCLE BY ADEPROOF SYSTEM: ENABLES TO RENOVATE BALCONIES AND TERRACES WITHOUT DEMOLISHING THE OLD FLOOR.

USED ADESITAL PRODUCTS:

- ADEBAND
- ADEPROOF ELASTOCEM
- ADEPROOF ELASTOCEM RECORD
- ADEPROOF MONO
- RFV 150/2ADEPOXY MATERIA
- ADEPOXY MATERIA TECH
- FUGAMAGICA 3-20 MATERIA TECH
- FUGAMAGICA ZEROSEI MATERIA
- FUGAMAGICA MATERIA POWER
- ADESIL MATERIA



01

After a careful cleaning of the substrate, apply **ADEBAND AUTOADESIVO** in the floor to wall joints and **ADEBAND** template next to the drains bonding the edges of **ADEBAND** with the chosen **ADEPROOF** grout.



02

Apply a first 2-mm thick coat of **ADEPROOF** grout with the smooth side of the squeegee.



03

Apply the anti-alkali primed fibre glass mesh **RFV 150/2.**



04

Apply a second coat of **ADEPROOF** grout until burying the mesh completely in the grout.



05

After the waterproofing coat has dried, install the tiles with class S1 or S2 deformable adhesives by ADESITAL.



06

Install the skirting boards.



07

When the adhesive is dry, grout the ceramic tiles with **ADEPOXY MATERIA, ADEPOXY MATERIA TECH, FUGAMAGICA 3-20 MATERIA TECH, FUGAMAGICA ZEROSEI MATERIA** or **FUGAMAGICA MATERIA POWER.**



08

Seal the floor to wall joint carefully with the silicone sealant **ADESIL MATERIA.**

ADEPROOF TOP

NEW

Ready-for-use, single-component, elastic polyurethane waterproofing membrane.



WATER-REPELLENT

EN 14891 RM02P

EN 1504-2 (C) PI-MC-PR-RC-IR



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	4TE1539015AD	15 kg drum	48 packages x 15 kg = 720 kg	2 kg/m²
Grey	4TE1539115AD	15 kg drum	48 packages x 15 kg = 720 kg	2 kg/m²

07

PRODUCT FEATURES

- It is a ready-for-use, white and grey, liquid polyurethane waterproofing product that creates a highly elastic and long-lasting membrane, designed to conform easily to complex geometries without overlaps.
- The product application thickness of just 1.2 mm ensures watertightness, even with possible stagnating water, and maintains its mechanical performance over time, even at low temperatures (down to -40°C).
- it can adhere to a wide variety of substrates when used with an appropriate primer, and can be applied by squeegee on horizontal, vertical and inclined surfaces.

USE

- Suitable for waterproofing balconies and terraces.
- Suitable for installing ceramic tiles and stone material on its surface.
- Also suitable on existing old tiled surfaces
- Suitable for waterproofing and protecting surfaces made of concrete, cementitious screeds, ceramic tiles, and asbestos cement slabs.

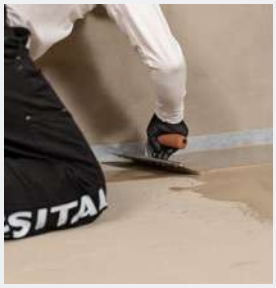
TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	viscous liquid
Colour	white and grey
Dry thickness that can be applied per coat	0.6 mm
Volume mass	1.4 g/cm³
Solid residue	82%
Storage 12 months (in the original packaging and in a dry place)	
Application temperature	from +5°C to +35°C
Operating temperature	from -40°C to +80°C
Waiting time between different coats and ready-for-use	24 hours

FINAL PERFORMANCE	
Ultimate elongation (ISO 37)	> 400%
Tensile strength (ISO 37)	≥ 2 N/mm²
Tear resistance (ISO34-1)	> 15 N/mm²
Shore A hardness (DIN 53505)	50
Capillary absorption and water permeability (EN 1062-3)	w < 0.01 kg/m²h$^{0.5}$
CO_2 permeability (EN 1062-6)	Sd > 50 m
Water vapour permeability (EN ISO 7783-2)	Class I
Crack-bridging ability -20°C (EN 14891-A.8.3)	≥ 0.75 mm
Adhesion after immersion in water (EN 14891-A.6.3)	≥ 0.5 N/mm²
Adhesion after heating (EN 14891-A.6.5)	≥ 0.5 N/mm²
Adhesion after immersion in chlorinated water (EN 14891-A.6.5)	≥ 0.5 N/mm²

ADEPROOF TOP PRIMER

NEW

Two-component epoxy primer to be used for **ADEPROOF TOP** applications.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Comp. A	-	4 kg drum	-	0.3 – 0.7 kg/m² (A+B)
Comp. B	-	1 kg bottle	-	0.3 – 0.7 kg/m² (A+B)

07

PRODUCT FEATURES

- It is an epoxy adhesion promoter for the pre-treatment of surfaces prior to the application of polyurethane resins and self-levelling cementitious grouts on concrete and cementitious substrates in general.
- It can be filled with quartz sand of a suitable grain size to level the treated surface.

USE

- Adhesion promoter for surfaces made of concrete, cementitious screeds, ceramic tiles and asbestos cement slabs.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	Comp. A and Comp. B: viscous liquid
Colour	neutral Comp. A; straw yellow Comp. B
Mix volume mass (EN ISO 2811-1)	1500 kg/m³
Storage	24 months (in closed original packaging, dry conditions).
Application temperature	from +8°C to +35 °C
Workability time (at +20°C)	30 minutes
Waiting time between coats	12-48 hours
Waiting time for set to light foot traffic	24 hours

FINAL PERFORMANCE	
Resistance to compression (ISO 196-1)	63 N/mm² (7 days at +23°C)
Adhesion strength (UNI EN 13892-8)	3.2 N/mm²
Shore D hardness (DIN 53505)	78 (7 days at +23°C)
Reaction to fire (EN 13501-1)	B_{FL}-S1

APPLICATION CYCLE

WATERPROOFING BY THE ADEPROOF TOP SYSTEM.

USED ADESITAL PRODUCTS:

- ADEBAND AUTOADESIVO
- ADEPROOF TOP PRIMER
- ADEPROOF TOP
- CEMENTITIOUS ADHESIVE WITH CLASS C2-S2 or ADEFLEX T
- FUGAMAGICA ZEROSEI MATERIA + IMPER 21 or FUGAMAGICA MATERIA POWER or ADEPOXY MATERIA/ ADEPOXY MATERIA TECH



01

Check the mechanical strength of the substrate, the absence of cracks and check its moisture content. In the case of existing tiling, check the adhesion of the tiles and measure the moisture content of the screed at one or two points by removing the tiles.



02

Apply **ADEBAND AUTOADESIVO** around the perimeter of the surface to be waterproofed.



03

Mix **ADEPROOF TOP PRIMER** (component A + component B), adding dried quartz of a suitable grain size up to 25% by weight to level the substrate.



04

Apply **ADEPROOF TOP PRIMER** with a squeegee over the entire surface.



05

Whilst **ADEPROOF TOP PRIMER** is still wet, sprinkle on as much dried quartz as required.



06

Vacuum up any loose quartz that is not adhering.



07

Apply **ADEPROOF TOP** (white or grey) using a squeegee, spreading the product over the entire horizontal surface and 10 cm up the vertical surface.



08

Apply a second coat of **ADEPROOF** (white or grey, depending on the colour applied as the first coat).



09

Apply a third coat of **ADEPROOF TOP** and sprinkle on as much dried quartz as required.



10

Vacuum up any excess quartz that is not adhering. In this configuration, the surface can already be left exposed.



11

For installing a new flooring, apply a class **C2-S2** cementitious adhesive or **ADEFLEX T** to the **ADEPROOF TOP** surface for installing the new tiles.



12

Grout using **FUGAMAGICA ZEROSEI MATERIA** mixed with **IMPER 21**, **FUGAMAGICA MATERIA POWER** or **ADEPOXY MATERIA / ADEPOXY MATERIA TECH**.

ADEPROOF VISTA

Fibre-reinforced liquid membrane in water emulsion with high reflectance index and thermal emissivity.



EN 1504-2 (C) PI-MC-IR

WATER-REPELLENT



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	3L010020AD	20 kg drum	33 packages x 20 kg = 660 kg	as waterproofing membrane: 2 kg/m² as finishing on bitumen membranes: 1 kg/m²

07

PRODUCT FEATURES

- Ready-to-use white waterproofing product, with high reflectance and thermal emissivity, composed of synthetic resins in water dispersion.
- It allows an easy application by roller with long bristles, by brush or by spray on horizontal, inclined and vertical surfaces with a thickness of about 1 mm in two coats.
- After drying, it creates a continuous, elastic waterproofing membrane that lowers the operating temperature of the surface.
- Solar reflectance index SRI 105.
- Thanks to its high performance and resistance to UV rays, it can be used outdoors in all weather conditions for long-lasting protection and waterproofing of external surfaces made of concrete, cementitious screeds or screeds based on special binders, ceramics and stone claddings.
- It is conform to the European Norm **EN 1504-2 (C)**, principles **PI-MC-IR**.

USE

- Waterproofing of cementitious screeds and old ceramic tiles on balconies, terraces and sun stone pavements.
- To be used as a water barrier to restore waterproofing on old bitumen membranes.
- To reduce the amount of heat absorbed by buildings and sun stone pavements during exposure to the sun; thanks to its white colour it has high values of reflectance and thermal emissivity.
- Long-lasting protection of cementitious surfaces subject to weather, atmospheric agents and UV rays.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	paste
Colour	highly reflective white
Storage	24 months in the original packaging and in a dry place
Volume mass	1.35 g/cm³
Dry residue	61.4%
Application temperature	from +5°C to +35°C
Coat thickness	0.5 mm
Waiting time between coats	8 - 10 hours
Ready for use	48 hours

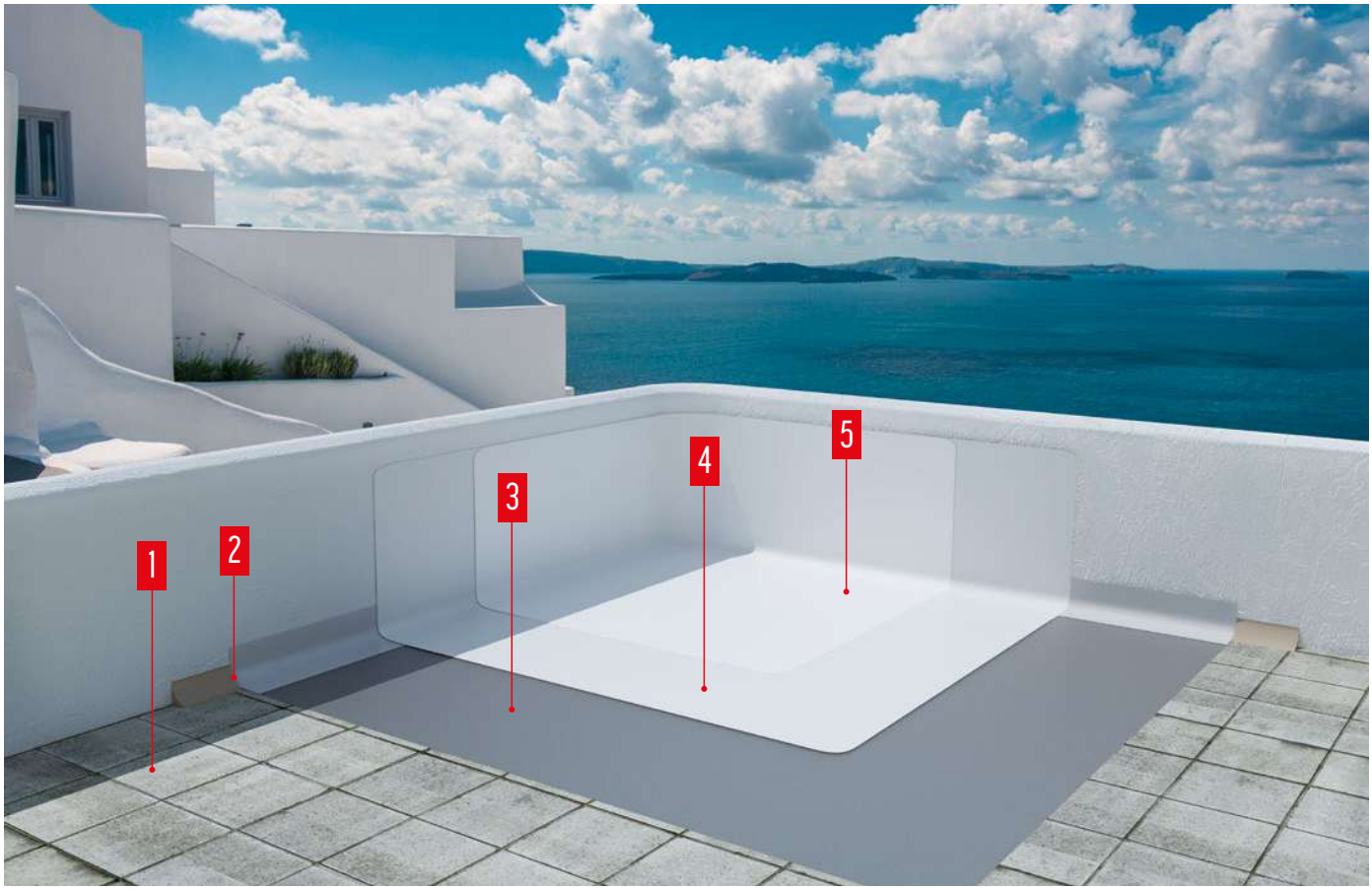
FINAL PERFORMANCE	
Adhesion on concrete after 28 days	1.2 N/mm²
Water vapour permeability (equivalent air thickness SD)	1.50 m
Waterproofing (as capillary absorption)	0.025 $kg*m^{-2}*h^{-0.5}$
Solar reflectance	80%
Thermal emissivity	90%
SRI (Solar Reflectance Index)	105

APPLICATION CYCLE

WATERPROOFING A TERRACE WITH ADEPROOF VISTA WITHOUT ANY DEMOLISHING.

USED ADESITAL PRODUCTS:

- ADEGROUT TIXO RAPIDO
- ADERIP
- ADEBAND AUTOADESIVO
- ADEGRIP
- ADEPROOF VISTA



01

Prepare the substrate by accurately washing and cleaning it, eliminating dust, waxes and anything that can compromise the adhesion of the product.

02

Prepare the cove using **ADEGROUT TIXO RAPIDO** and **ADERIP.**
After the suitable curing time apply **ADEBAND AUTOADESIVO** in the floor to wall joints.

03

Apply **ADEGRIP** on the tiled surface before applying the waterproofing product.

04

Apply the first coat of **ADEPROOF VISTA** with roller with long bristles, brush or airless in a uniform and continuous way. Wait until it is completely dry.

05

Apply the second coat of **ADEPROOF VISTA** so as to cross the previous one and obtain a total dry thickness of at least 1 - 2 mm.

PRIMER FOR ADEPROOF VISTA

Primer for old bitumen membranes to be applied before ADEPROOF VISTA.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Transparent	1249506AD	6 kg can	-	0.20 - 0.4 kg/m² every coat

07

PRODUCT FEATURES

- Primer based on synthetic resins in solvent, ready-for-use with high wetting capacity.
- Suitable for use in combination with ADEPROOF VISTA liquid waterproofing membrane.

USE

- Treatment of old bitumen membranes as adhesion primer before applying the product ADEPROOF VISTA.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	liquid
Colour	transparent
Storage	24 months in the original packaging
Volume mass	0.96 g/cm³
Solid residue	10%
Application temperature	from +5°C to +35°C
Drying time	5 - 6 hours

GUAINALASTIC

Fast-drying elastic liquid waterproofing membrane for interiors.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey	124805AD	5 kg drum	80 packages x 5 kg = 400 kg	1.5 kg/m² every mm of thickness
Grey	124820AD	20 kg drum	30 packages x 20 kg = 600 kg	1.5 kg/m² every mm of thickness

PRODUCT FEATURES

- Ready-for-use paste based on synthetic resins in water dispersion, free of solvents.
- After the setting, it gives a waterproof and flexible membrane.
- Waterproof, but vapour permeable.
- It follows the settling movements and those due to substrate thermal stresses without cracking.
- Very low VOC emissions (class EC1 plus).

USE

- Waterproofing of walls and floors of bathrooms and shower stalls before installing ceramic tiles and mosaics.
- Waterproofing of walls and floors of kitchens and working tops before installing ceramic tiles.
- Anti-crack elastic membrane for substrates subject to small fissures (< 1 mm) to cover with ceramic or natural stones.
- On gypsum board surfaces, cementitious or gypsum plasters, lightened cement blocks, marine-type plywood.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	thick liquid
Colour	grey
Storage	24 months in the original packaging PROTECT AGAINST FROST
Volume mass	1.45 g/cm³
Dry residue	70%
pH	9
Min. filming temperature	+5°C
Application temperature	from +5°C to +35°C
Complete drying	
(thickness 1 mm at +23°C)	after 5 hours
(thickness 1 mm at +5°C)	after 12 hours

FINAL PERFORMANCE	
Resistance to aging	excellent
Ultimate elongation	200% (DIN 53504)
Steam permeability (EN ISO 12572)	Sd ≥ 5 m per 1 mm of dried film thickness

OSMOSTUCK H_2O

Cementitious waterproofing grout with osmotic action, certified for the contact with drinking water.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey	2941125	25 kg bag	33 packages x 20 kg = 660 kg	1.6 kg/m² every mm of thickness

07

PRODUCT FEATURES

- Pre-mixed powder grout based on cement, selected graded aggregates, special synthetic resins and waterproofing additives.
- Suitable for the contact with drinking water.
- Mixed with water only, it gives a fluid grout to be applied by squeegee or brush.
- Excellent adhesion with the substrate and waterproofing even in light counterthrust.
- Classification **MC-IR** according to the European Norm **EN 1504-2.**

USE

- Solution of seepage in old and new masonry and concrete buildings.
- Waterproofing of indoor and outdoor walls in basements, swimming-pools, water tanks, elevator shafts, underground passages, foundation walls.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	grey
Apparent volume mass	1.30 g/cm³
Storage	12 months in the original packaging and in a dry place
Mixing ratio with brush	6.00 - 6.50 l of water every 25 kg
Mixing ratio with squeegee	5.25 - 5.75 l of water every 25 kg
Mix pH	12
Application temperature	from +5°C to 30°C
Workability time	1 hour
Waiting time between coats	after 5 - 6 hours (not longer than 24 hours)
Max. coat thickness	2 mm
Ready for use	7 days

FINAL PERFORMANCE	
Deformability	not deformable
Resistance to humidity	excellent
Resistance to aging	excellent
Adhesion on concrete	1.5 N/mm²

ADEPROOF BARRIERA

NEW

Uncoupling, anti-fracture, waterproofing membrane for cracked, damp or incompletely cured substrates, for installing ceramic tiles and stone material.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
-	2850930AD	Roll 30x1 m	-	-

PRODUCT FEATURES

- Three-layer membrane consisting of a sheet of polymeric material, combined with an alkali-resistant reinforcing mesh on one side and with a non-woven fabric on the other.
- It creates an uncoupling, anti-fracture and waterproofing layer for cracked, damp and/or incompletely cured substrates, for installing ceramic tiles and stone material on floors.
- Its special geometry allows the membrane to dispose of the moisture in the underlying layers and to perform installing operations even on difficult and imperfectly prepared substrates.
- For indoor and outdoor use.

USE

- Suitable for waterproofing balconies and terraces and creating a separating and compensating layer for vapour pressure in case of damp and/or incompletely cured substrates.
- Suitable for use when installing ceramic tiles and stone material on concrete, cementitious screeds, cementitious screeds with radiating system, anhydrite screeds, anhydrite screeds with radiating system and existing flooring (ceramic, resin, parquet, including overlapped on existing floors)
- Suitable on balconies and terraces
- Suitable for bathrooms.
- For residential properties (both newly constructed and renovated), commercial premises, hospitals and healthcare facilities, hotels.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	Multi-layer sheet
Colour	Red
Thickness	Approx. 3.5 mm
Length	30 m
Width	1 m
Weight	0.6 kg/m²
Weight of a roll	19 kg
Storage	Unlimited in the original packaging, in a dry place
Installation temperature	from +5°C to +40 °C
Operating temperature	from -10°C to +60 °C
Storage temperature	Max. 45°C

FINAL PERFORMANCE	
Resistance to vapour passage (S_d)	160 m
Air void volume	1.6 l/m²
Dowel filling volume	1.2 l/m²
Robinson Wheel test:	Extra Heavy commercial Rating
Pull Out test (cementitious adhesive with class C2)	≥ 0.6 N/mm²

APPLICATION CYCLE

ADEPROOF BARRIERA APPLICATION INDOORS: UNCOUPLING AND ANTI-FRACTURE FUNCTION

USED ADESITAL PRODUCTS:

- ADEPROOF BARRIERA
- CEMENTITIOUS ADHESIVE WITH CLASS NOT LOWER THAN C2-S1



01

Measure the surface of the floor to be coated.



02

Unroll **ADEPROOF BARRIERA**, supplied in 1-m wide rolls, **with the red side facing upwards,** and cut a number of strips equal to the length of the room with a cutter, placing them adjacent to each other.



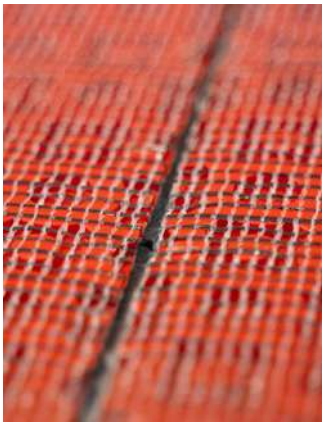
03

Apply a cementitious adhesive from the ADESITAL range with class not lower than C2-S1 to the substrate (**EXTRA 30 POWER/S2** or **ADEFLEX LIGHT S1/S2** or **ADEX HP 30 PLUS/PLUS T**) with a 5 mm notched trowel to promote proper wetting of the membrane.



04

Spread the adhesive in small quantities and unroll **ADEPROOF BARRIERA** over it, applying good pressure on the membrane with a clean smooth trowel.



05

Ensure that the distance between one sheet and the next is between 3 and 5 mm when applying several adjacent sheets.



06

In the case of large surfaces, press on the membrane with the special roller with handle loaded with a 25-30 kg weight.



07

Install the ceramic or stone material using an ADESITAL cementitious adhesive with class not lower than C2-S1 (**EXTRA 30 POWER/S2** or **ADEFLEX LIGHT S1/S2** or **ADEX HP 30 PLUS/PLUS T**), with the back-buttering technique.



08

Finally, grout the joints and seal them with products from the ADESITAL range.

APPLICATION CYCLE

ADEPROOF BARRIERA APPLICATION OUTDOORS: UNCOUPLING, ANTI-FRACTURE AND WATERPROOFING FUNCTION.

USED ADESITAL PRODUCTS:

- ADEPROOF BARRIERA
- ADEPROOF MONO
- ADEPROOF GIUNTO
- ADEBAND AUTOADESIVO
- CEMENTITIOUS ADHESIVE WITH CLASS NOT LOWER THAN C2-S1



01

Check that the surface has a suitable slope for water drainage, not less than 1%: if this is not the case, create the required slope with the appropriate product. Seal the perimeter joint with the **ADEBAND AUTOADESIVO** band.



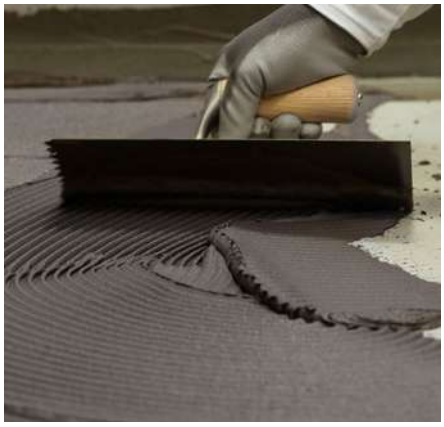
02

Level **ADEBAND AUTOADESIVO** with the single-component, waterproofing and elastic cementitious grout **ADEPROOF MONO**.



03

Measure the surface of the floor to be coated. Unroll **ADEPROOF BARRIERA**, with the red side facing upwards, and cut a number of strips equal to the length of the surface with a cutter, placing them adjacent to each other.



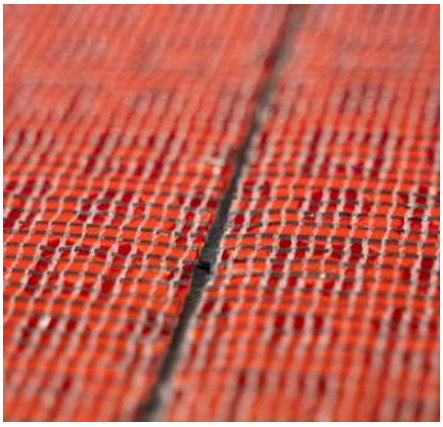
04

Apply a cementitious adhesive from the ADESITAL range with class not lower than C2-S1 to the substrate (**EXTRA 30 POWER/S2** or **ADEX HP 30 PLUS/PLUS T**) with a 5 mm notched trowel to promote proper wetting of the membrane.



05

Spread the adhesive in small quantities and unroll **ADEPROOF BARRIERA** over it, applying good pressure on the membrane with a clean smooth trowel.



06

Ensure that the distance between one sheet and the next is between 3 and 5 mm when applying several adjacent sheets, in order to make the next joining step with **ADEPROOF GIUNTO** easier.



07

Press on the membrane with the special roller, with handle loaded with a 25-30 kg weight.



08

Spread a first coat of the **ADEPROOF BOND** adhesive in the perimeter area with a smooth squeegee and then apply the adhesive with a 5 mm notched trowel with triangular teeth; apply the **ADEPROOF GIUNTO** band between the vertical surface and **ADEPROOF BARRIERA** and bond with **ADEPROOF BOND**.



09

Repeat the operation near the joints between the sheets of **ADEPROOF BARRIERA** adjacent to each other; lay **ADEPROOF GIUNTO**, applying good pressure on the upper side, consisting of the non-woven fabric, with a clean smooth squeegee, to ensure that a layer with no gaps is created. Apply **ADEPROOF BOND** with a 5 mm notched trowel with triangular teeth.



10

Install the ceramic or stone material using an ADESITAL cementitious adhesive with class not lower than C2-S1 (**EXTRA 30 POWER/S2** or **ADEX HP 30 PLUS/PLUS T**), with the back-buttering technique.



11

Finally, grout the joints and seal them with products from the ADESITAL range.

ADEPROOF BOND

Fast-setting, high-performance cementitious grout for bonding ADEPROOF GIUNTO.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Grey	2917345A	4x5 kg box	-	0.4–0.5 kg/m of ADEPROOF GIUNTO band

PRODUCT FEATURES

- Single-component grey powder adhesive with rapid setting and hydration.
- It has excellent adhesion even on non-absorbing surfaces and cures without shrinkage.
- It is frost-resistant.
- Good deformability.
- Specifically designed for the installation of ADEPROOF GIUNTO, its special chemical composition makes it suitable for creating a watertight system at the contact points between ADEPROOF BARRIERA and ADEPROOF GIUNTO.
- It has null vertical slip.
- It contains additives that improve workability with the squeegee, making it SUPER SMOOTH.
- Classification **C2FT-S1** according to the European Norm **EN 12004.**

USE

- Rapid installation of ADEPROOF GIUNTO indoors and outdoors on ADEPROOF BARRIERA.
- Bonding of ADEPROOF GIUNTO also on traditional substrates and ceramic tiles of any type: porcelain stoneware, klinker, terracotta, single and double fired tiles.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	powder
Colour	grey
Mix volume mass	1.5 g/cm³
Storage	12 months in the original packaging and in a dry place
Mixing ratio	1.1 l of water every 5 kg bag
Application temperature	from +5°C to +30°C
Mix pH	> 12
Pot life	30 minutes
Open time	10 minutes
Adjustment time	15 minutes
Ready for traffic	after 3 hours
Ready for continuous traffic	after 6 hours
Initial setting time	50 minutes
Final setting time	60 minutes
Final hardening	after 3 days on dry substrates

FINAL PERFORMANCE	
Initial adhesion (according to EN 12004)	2.0 N/mm²
Adhesion after heating (according to EN 12004)	1.8 N/mm²
Adhesion after immersion in water (according to EN 12004)	1.2 N/mm²
Adhesion after frost-thaw cycles (according to EN 12004)	1.1 N/mm²
Deformability (according to EN 12004)	> 2.5 mm (S1)

ADEPROOF GIUNTO

NEW

Rubber band for elastic connections of waterproofing systems, coated on both sides with non-woven fabric.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
-	7972010AD	Roll 10 m x 13 cm	-	-

07

PRODUCT FEATURES

- Elastic rubber band, with ultimate elongation >300%.
- Waterproof and vapourproof.
- Coated on both sides with non-woven fabric, to be used as a joint between adjacent ADEPROOF BARRIERA membranes.
- ADEPROOF GIUNTO combined with ADEPROOF BARRIERA gives the surface a continuous waterproofing.

USE

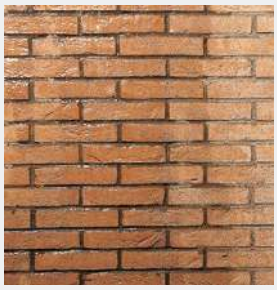
- Sealing and waterproofing of ADEPROOF BARRIERA membranes adjacent to each other.
- Waterproofing wall-wall or floor-wall joints in bathrooms, showers, terraces that are to be coated with ceramic tiles and natural stones later.
- Elastic waterproofing of control joints in balconies and terraces.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	Multi-layer, elastic rubber band
Thickness	0.68 mm
Weight	285 g/m²
Storage	12 months in the original packaging and in a dry place
Ultimate elongation (EN ISO 527-3)	>300%
Tensile strength (EN ISO 527-3)	45 N/15 mm

FINAL PERFORMANCE	
Resistance to vapour passage (S_d)	160 m
Air void volume	1.6 l/m²
Dowel filling volume	1.2 l/m²
Robinson Wheel test:	Extra Heavy commercial Rating
Pull Out test (cementitious adhesive with class C2)	≥ 0.6 N/mm²

IDROSIL

Water-repellent primer for building materials based on silicone resins in water solution.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Transparent	077105AD	5 kg drum	128 packages x 5 kg = 640 kg	0.15 - 0.20 kg/m², depending on porosity of the surface to be treated.

07

PRODUCT FEATURES

- Ready-for-use transparent and colourless non-filmforming primer, for the water-repellent treatment of building materials.
- It hinders the absorption of humidity and water without creating surface films, thus safeguarding the substrate transpiration.
- High penetrating capacity in the materials to be protected.
- It protects the surfaces against the penetration of aggressive weather agents.
- Waterproof and protective coating of concrete surfaces and renders subject to chemical aggressions, such as anti-frost salts, sulphates, etc...

USE

- Water-repellent treatment of external façade brick walls.
- Protection of natural stone walls.
- Water-repellent treatment of rendered walls subject to rainwater.
- Protection of external concrete.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	liquid
Colour	transparent
Storage	24 months in the original packaging
	PROTECT AGAINST FROST
Volume mass	1 g/cm³
Application temperature	from +5°C to +35°C
Drying time	1 - 2 hours

ADEBAND AUTOADESIVO

Self-sticking product in butyl rubber on non-woven fabric, for flexible joints and edge waterproofing, indoors and outdoors.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
-	6600215	Roll 15 m x 8.0 cm	42 packages x 8 x 15 kg = 5040 kg	-

07

PRODUCT FEATURES

- Self-sticking tape for the flexible sealing and waterproofing of perimeter joints.
- Easily positioned thanks to the adhesive strip.
- Ideal for waterproofing with ADEPROOF products.

USE

- Sealing and waterproofing in baths, showers, terraces that are to be tiled with ceramic tiles and natural stones.
- Flexible waterproofing of joints and wall-wall or floor-wall joints.

ADEBAND

Polyester reinforced rubber cloth for flexible joints and indoor/outdoor waterproofing.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
-	6600150	Roll 50 m x 12.5 cm	-	-
-	795601AD	Template for through holes 118x118 mm	-	-

PRODUCT FEATURES

- Polyester reinforced rubber tape for the flexible sealing and waterproofing of expansion joints.
- Great versatility for every type of waterproofing detail.
- Ideal for waterproofing with ADEPROOF products.
- Square element (118x118 mm) in reinforced rubber cloth for the flexible sealing and waterproofing of water drains.

USE

- Sealing and waterproofing in baths, showers, terraces that are to be tiled with ceramic tiles and natural stones.
- Flexible waterproofing of expansion joints and wall-wall or floor-wall joints.

ADETEX

Non-woven fabric, in polypropylene,
for coating waterproof liquid membranes.



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Beige	6600425	Roll 25 m x 1 m	96 packages x 1 x 25 kg = 2400 kg	-

PRODUCT FEATURES

- Non-woven fabric, 50 g/m², beige, composed of thermo-welded polypropylene fibre.
- Particularly indicated for reinforcing waterproof and protective liquid membranes.
- Non-stretching, light and easy to cut, ADETEX can be used for waterproofing surfaces with particular geometry.

USE

- Micro-reinforcement of waterproof and protective liquid membranes.
- Suitable for use in combination with ADEPROOF VISTA liquid waterproofing membrane.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	non-woven fabric
Colour	beige
Storage	unlimited
Weight	50 g/m²
Tensile strength	1.2 N/m
Ultimate elongation	> 95%

RETE RFV 150/2

Alkali-resistant glass fibre mesh.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
White	1780250	Roll 50 m x 1 m	35 packages x 1 x 50 kg = 1750 kg	-

PRODUCT FEATURES

- Alkali-resistant, primed fibreglass mesh.
- Suitable for the micro-reinforcement of indoor and outdoor levelled surfaces.
- Ideal for micro-reinforcement of waterproofing with the ADEPROOF SYSTEM.

USE

Micro-reinforcement of:

- Waterproofing with ADEPROOF ELASTOCEM, ADEPROOF ELASTOCEM RECORD, ADEPROOF MONO.
- Levelling of indoor and outdoor surfaces with ADEPLAN RC 70, ADEPLAN RC 170, ADEPLAN RD 80 and ADEPLAN RD 120.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Colour	white
Storage	unlimited
Mesh dimension	4x4.5 mm
Weight	157 g/m²
Resistance to alkali	yes
Breaking load	1850 N
Ultimate elongation	5%

ADEPROOF SCARICO

FRONTALE

Corner union in TPE
for realizing parapet drains
on terraces and balconies.



LATERALE - VERTICALE

Kit for realizing a floor drain.



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Copper Scarico Verticale	7968005	5-piece box Box with 1 kit	-	-
Ivory Scarico Laterale	7968105	5-piece box Box with 1 kit	-	-

07

PRODUCT FEATURES

› Corner union in TPE
with rectangular section 57 x 48 mm
and length 347 mm.

USE

› Realization of parapet drains
to eliminate water from
terraces and balconies.

PRODUCT FEATURES

› Drain pit in PP available with diameters 50 - 75 - 100 mm (vertical drain), and 50 - 75 - 90 - 100 mm (lateral drain), welded with template in PP, 400x400 mm.
› The template in PP is totally compatible and ensures a perfect hydraulic sealing in the joint between drain pit and waterproofing layer made up of ADEPROOF or GUAINALASTIC.
› Telescopic extension: it allows the drain height to be adjusted, adapting it to any thickness above the waterproofing layer.
› “Anti-smell” cap. It totally stops back-flow smells if there is no water.
› Removable stainless steel grid.

USE

› ADEPROOF SCARICO FRONTALE – LATERALE are kits for draining water from terraces, balconies, bathrooms, boiler rooms, laundries, etc...



INSTALLATION OF WOODEN FLOORS

08

ADEWOOD P 31 PLUS

Two-component epoxy-polyurethane adhesive for wooden floors.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Dark brown	1331711AD	10 kg drum	44 packages x 10 kg = 440 kg	1 - 1.3 kg/m²
Light beige	1331511AD	10 kg drum	44 packages x 10 kg = 440 kg	1 - 1.3 kg/m²

08

PRODUCT FEATURES

- Two-component epoxy-polyurethane adhesive, to be mixed at the application.
- Easy to work and to apply.
- Perfect adhesion between bonded parts.
- Excellent deformability and waterproofing.

USE

- Bonding of wooden floors of all types such as traditional, pre-finished, multilayer and solid parquet
- Bonding of planks, small planks, lamparquet, laminates
- Installation of parquet on suitable cementitious substrates and on suitably prepared existing ceramic floors.
- Installation on heating screed.

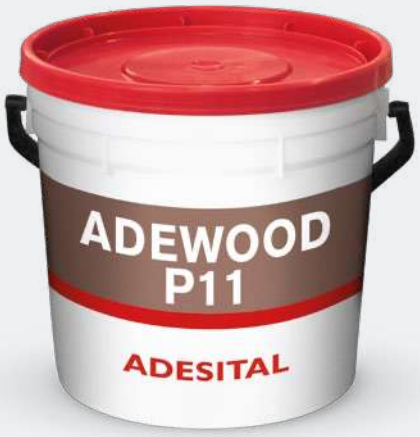
TECHNICAL DATA	(at +23°C and 50% R.H.)	
	Comp. A	Comp. B
Appearance	thick paste	fluid paste
Colour	dark brown and light beige	
Volume mass	1.70 g/cm³	1.57 g/cm³
Storage	24 months (in the original packaging, in a dry place, at a temperature between +10°C and +30°C)	
Mixing ratio	9	1
Mix volume mass	1.66 g/cm³	
Pot life	60 minutes	
Application temperature	from +10°C to +30°C	
Open time	60 minutes	
Adjustment time	2 hours	
Ready for traffic	after 24 hours	
Polishing	after 3 days	
Final hardening	min. 3 days	

FINAL PERFORMANCE	
Operating temperature	from -30°C to +70°C
Deformability	excellent
Shore-A hardness (after 7 days at 23°C)	80
Wood adhesion on concrete	> 3 N/mm²
Wood adhesion on ceramic	> 3 N/mm²

ADEWOOD P 11

Single component elastic polyurethane adhesive, free of solvents, for wooden floors.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Light	244415AD	15 kg drum	44 packages x 15 kg = 660 kg	0.8 - 1.0 kg/m²

PRODUCT FEATURES

- Single component polyurethane adhesive based on a water-hardening resin with coverage higher by 30% than traditional two-components adhesives.
- Excellent smoothness and stability that enable its use even with low temperatures.
- Very good sound-deadening capacity, thus reducing trampling noise.
- Indicated for the installation of all types of parquet.
- Very low VOC emissions (class EC1 plus).

USE

- Bonding of any type of wooden floors: long and short boards, lamparquet, laminates, pre-finished.
- Installation of parquet on suitable cementitious substrates and on suitably prepared existing ceramic floors.
- Installation of parquet on metal and PVC surfaces.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	creamy paste
Colour	light
Solid residue	100%
Brookfield viscosity	43,000 mPa.s (rotor 7 RPM 50)
Storage	12 months in the original packaging
Mixing ratio	ready-for-use product
Mix volume mass	1.50 g/cm³
Application temperature	from +10°C to +30°C
Open time	110 minutes
Adjustment time	3 hours
Ready for foot traffic	after 12 hours
Polishing	after 3 days
Ready for traffic when completely dry	min. 3 days

FINAL PERFORMANCE	
Ultimate elongation (7 days at 23°C)	180%
Operating temperature	from -30°C to 70 °C
Shore-A hardness (after 7 days at 23°C)	58
Wood adhesion on concrete	> 2.5 N/mm²
Wood adhesion on ceramic	> 1.8 N/mm²

ADEWOOD SILANICA

Single-component, silylated polymer-based adhesive for wooden floors for pre-finished multi-layered wood and medium-sized solid wood flooring, up to a width of 15 cm.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Light	0744915AD	15 kg drum	48 packages x 15 kg = 720 kg	0.8 - 1.0 kg/m²

08

PRODUCT FEATURES

- Ready-to-use single-component adhesive based on silylated polymers.
- Free of water, solvents, epoxy resins or amines, it is easy to clean and its consumption is reduced by approx. 20-30% compared to traditional two-component adhesives thanks to its low viscosity.
- It creates a perfect adhesion between the bonded parts, with excellent deformability and waterproofing.
- By properly closing and storing the opened drum, the remaining product can be used for subsequent applications.
- Very low VOC emissions (class EC1 plus).

USE

- Installation of wooden floors for pre-finished multi-layered wood and medium-sized solid wood flooring up to a width of 15 cm.
- Installation on old wooden floors.
- Installation on old floors in ceramic, terrazzo tiles and marble.
- Installation of screeds with under-floor heating.
- Installation on screeds made with ready STARCEM PRONTO 2.0.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	creamy paste
Colour	light
Mixing ratio	ready-for-use product
Mix volume mass	1.65 g/cm³
Solid residue	100%
Storage	12 months (in the original packaging, well closed and in a dry place)
Application temperature	from +10°C to +35°C
Open time	30 minutes
Adjustment time	90 minutes
Ready for foot traffic	12 hours
Polishing after	3 days
Ready for traffic when completely dry	min. 3 days

FINAL PERFORMANCE	
Ultimate elongation after 7 days at 23°C	100%
Operating temperature	from -10°C to 70 °C
Shore-A hardness after 7 days at 23°C	50
Wood adhesion on concrete	> 1.2 N/mm²
Wood adhesion on ceramic	> 1.0 N/mm²



PROTECTIVE AND DECORATIVE FINISHING

09

ADECOR SIL PITTURA

Water-repellent paint based on siloxanic resins,
for indoor and outdoor applications.
Transpiring and with high protection over time.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
See colour chart		20 kg/12.90 l drum	33 packages x 20 kg = 660 kg	0.3 - 0.4 kg/m² every two applied coats

09

PRODUCT FEATURES

- Wall paint for indoor and outdoor applications, based on siloxanic resins.
- High and long-lasting protection.
- Its microporosity makes it transpiring to air and vapour, so that humidity can escape even on dehumidifying cycles, while its water repellency ensures a surface always dry.
- Resistant to UV rays and all weather conditions, it is not damaged by smog, salt and sunlight.
- Perfect adhesion to all types of plasters and old paints well bonded to the substrate after the application of ADECOR SIL PRIMER.
- For painting and protecting external façades in the colours of the ADECOR colour chart.

USE

- Painting of new substrates made of cementitious or lime-based renders that are solid and consistent.
- Painting of old substrates that are consistent and suitably prepared.
- Painting of old paints and plastic or mineral coatings that are well bonded to the substrate.
- Coloured finishing on dehumidifying cycles made with products of the ADESAN line.

ADECOR SIL RIVESTIMENTO

Siloxanic resin coating with 1.2 mm grain size, for indoor and outdoor application. Water-repellent, transpiring and with high protection over time.



EN 15824
V1 W3 A2-s1 d0
INDOOR AN OUTDOOR COATING BASED ON ORGANIC BINDERS

WATER-REPELLENT



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
See colour chart		20 kg drum	33 packages x 20 kg = 660 kg	1.9 - 2.3 kg/m² depending on the roughness of the substrate

PRODUCT FEATURES

- Fibre-reinforced wall coating for indoor and outdoor applications based on siloxanic resins in water dispersion and selected particle size additions.
- High and long-lasting protection.
- Its microporosity makes it transpiring to air and vapour, so that humidity can escape even on dehumidifying cycles, while its water repellence ensures a surface always dry.
- Resistant to UV rays and all weather conditions, it is not damaged by smog, salt and sunlight.
- Perfect adhesion to all types of plasters and old paints well bonded to the substrate after the application of ADECOR SIL PRIMER.
- 1.2 mm grain size for coating and protecting external façades in the colours of the ADECOR colour chart.
- Classification **V1 W3 A2-s1 d0** according to the European Norm **EN 15824.**

USE

- Wall coating with 1.2 mm grain size of new substrates made of cementitious or lime-based renders that are solid and consistent.
- Coating of old substrates that are consistent and suitably prepared.
- Covering of old paints and plastic or mineral coatings that are well bonded to the substrate.
- Finishing of ADETHERM over-coat insulation systems.
- Decorating and protecting of concrete walls.
- Coloured finishing on dehumidifying cycles made with products of the ADESAN line.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	paste
Colour	white, available colour range in the ADECOR chart or shades upon customer's request
Volume mass	1.85 g/cm³
Solid residue	80%
Grain size	1.2 mm
Storage	24 months in the original packaging, in a dry place and far from heat sources PROTECT AGAINST FROST
Dilution ratio	ready-for-use, possibly add 1 - 2% of water
Application temperature	from +5°C to +35°C
Re-paintability	min. 24 hours in standard conditions of humidity and temperature. In any case, always with the first coat dried

FINAL PERFORMANCE	
Vapour permeability (S_D)	0.09 m Class V1
Factor of water absorption by capillarity (W)	0.04 kg/m² $h^{0.5}$ Class W3
Adhesion	1.07 N/mm²
Adhesion after 20 cycles for durability test	2.06 N/mm²
Thermal conductivity	0.93 W/mK

ADECOR SIL COLORPRIMER

Coloured siloxanic resin based primer,
in water dispersion with micro-granular quartz.
Evening and filling agent, to be used as a primer
for exterior and interior surfaces.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
-	See price list	20 kg/12.66 l drums	33 packages x 20 kg = 660 kg	0.3-0.5 kg/m^2 every applied coat

PRODUCT FEATURES

- Siloxanic resin based primer in water dispersion with microgranular quartz able to even out the absorption of the substrate and to improve adhesion before applying the paint or coloured siloxanic coating.
- Combined with ADECOR SIL PITTURA or ADECOR SIL RIVESTIMENTO, it makes the treated surface transpiring to air and vapour, so that humidity can escape even on dehumidifying cycles.
- It has water-repellent characteristics to promote surface resistance to dirt.
- It favours the coverage of the coloured finish, facilitating the uniformity of the final result, in the different colour tones present in the ADECOR colour chart.
- Excellent to apply before painting or coloured coating on new and/or old renders.

USE

- Always use for priming wall surfaces (e.g. concrete, renders or restoration with cementitious grouts) before applying ADECOR SIL PITTURA or ADECOR SIL RIVESTIMENTO finish.
- Created to prepare the substrate before the siloxane finish, in over-coated insulation systems ADETHERM.
- Designed for substrate preparation prior to application of the thick siloxanic coat of ADECOR SIL RIVESTIMENTO or ADECOR ACRYLSIL RIVESTIMENTO.
- Perfect for preparing the surfaces before the siloxane finish in dehumidifying cycles made with ADESAN line products.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	thick liquid
Colour	white, available colour range in the ADECOR chart or shades upon customer's request.
Volume mass	1.58 g/cm^3
Solid residue	67%
Storage	24 months (in the original packaging and in a dry place and far from heat sources between +5°C and +30°C)

APPLICATION DATA	
Application temperature	from +5°C to +35°C
Waiting time between coats	min. 24 hours in standard conditions of humidity and temperature. In any case, always with the first coat dried.
Water vapour diffusion resistance factor μ (EN ISO 7783)	300
Vapour permeability relative to 0.15 mm of dry thickness (Sd) (EN ISO 7783)	0.04 m
Factor of water absorption by capillarity W (EN 1062- 3)	0.24 kg/m^{2}h$^{0.5}$
VOC content (European Directive 2004/42/EC) white ready for use	≤ 20 g/l
VOC content (European Directive 2004/42/EC) coloured ready for use	≤ 30 g/l

ADECOR SIL PRIMER

Primer based on siloxanic resins in water dispersion that unifies the absorption of the substrate and maintains the substrate transpiring, thus improving the adhesion of siloxanic coloured finishes.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Transparent	2559710AD	10 kg/9.9 l drum	66 packages x 10 kg = 660 kg	0.1 - 0.2 kg/m²

PRODUCT FEATURES

- Primer based on siloxanic resins in water dispersion.
- It guarantees the dust consolidation and improves the adhesion on the wall surfaces to be treated.
- It creates an absorbing and consolidating effect before the application of the coloured finish.
- It maintains the masonry transpiring before the application of the coloured finish ADECOR SIL PITTURA and ADECOR SIL RIVESTIMENTO.
- Odourless, it contains no solvents and can be applied in closed or poorly ventilated areas.

USE

- Fixing primer based on siloxanic resins in water dispersion, always to be used as preparation of the substrate for wall surfaces (e.g. concrete, plasters or restorations with cementitious grouts).
- It adjusts and evens the absorption of the substrate before the application of the paint and of the coloured coating ADECOR SIL PITTURA and ADECOR SIL RIVESTIMENTO.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	fluid liquid
Colour	transparent
Volume mass	1.01 g/cm³
Solid residue	12%
Storage	24 months in the original packaging, in a dry place and far from heat sources PROTECT AGAINST FROST

FINAL PERFORMANCE	
Application temperature	from +10°C to +35°C
Waiting time between coats	12 - 24 hours depending on the humidity and temperature conditions, considering the underlying layer completely dry

ADECOR ACRYL PITTURA

Acrylic paint in water dispersion with quartz micro-granules for indoor and outdoor applications. Evening and with high protection.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
See colour chart		20 kg/12.90 l drum	33 packages x 20 kg = 660 kg	0.3 - 0.4 kg/m² every two applied coats

09

PRODUCT FEATURES

- Wall paint for indoor and outdoor applications composed of acrylic resins in water dispersion and micro-granular quartz.
- High and long-lasting protection.
- Resistant to UV rays and all weather conditions, it is not damaged by smog, salt and sunlight.
- Perfect adhesion to all types of plasters and old paints well bonded to the substrate after the application of ADECOR ACRYL PRIMER.
- Smoothing effect in all ADECOR colours.
- For painting and protecting external façades.

USE

- Painting of new substrates made of cementitious or lime-based renders that are solid and consistent.
- Painting of old substrates that are consistent and suitably prepared.
- Painting of old paints and plastic or mineral coatings that are well bonded to the substrate.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	thick liquid
Colour	white, available colour range in the ADECOR chart or shades upon customer's request
Volume mass	1.55 g/cm³
Solid residue	66%
Storage	24 months in the original packaging, in a dry place and far from heat sources PROTECT AGAINST FROST
Dilution ratio	15 - 20% of clean water
Application temperature	from +5°C to +35°C
Waiting time between coats	min. 24 hours in standard conditions of humidity and temperature. In any case, always with the first coat dried

FINAL PERFORMANCE	
Colour change after 800 hours of exposure to the Weather-Ometer	$\Delta E < 2$
Vapour permeability relative to 0.1 mm of dry thickness (S_D)	0.09 m
Factor of water absorption by capillarity (W)	0.58 kg/m² $h^{0.5}$
CO_2 permeability resistance relative to 0.15 mm of dry thickness (S_D)	51 m
Coverage capacity of 10 m²/l	Class 4 (> 93%)
Resistance to wet brushing, 200 cycles	Class 1 (< 5 micron)
Brilliance 85°	0.6 (very opaque)
Max. particle size	< 100 micron

ADECOR ACRYL RIVESTIMENTO

Acrylic coating in water dispersion with 1.2 and 1.5 mm grain sizes of quartz, for indoor and outdoor applications with high protection.



EN 15824
V2 W3
A2-s1 d0
INDOOR AN OUTDOOR COATING BASED ON ORGANIC BINDERS



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
See colour chart		20 kg drum	33 packages x 20 kg = 660 kg	1.9 - 2.3 kg/m² depending on the roughness of the substrate

PRODUCT FEATURES

- Fibre-reinforced plastic wall coating for indoor and outdoor applications composed of acrylic resins in water dispersion and selected particle size additions.
- High and long-lasting protection.
- Resistant to UV rays and all weather conditions, it is not damaged by smog, salt and sunlight.
- Perfect adhesion to all types of plasters and old paints well bonded to the substrate after the application of ADECOR ACRYL PRIMER.
- 1.2 and 1.5 mm grain sizes for coating and protecting external façades in the colours of the ADECOR colour chart.
- Classification **V2 W3 A2-s1 d0** according to the European Norm **EN 15824.**

USE

- Wall coating with 1.2 mm grain size of new substrates made of cementitious or lime-based renders that are solid and consistent.
- Coating of old substrates that are consistent and suitably prepared.
- Covering of old paints and plastic or mineral coatings that are well bonded to the substrate.
- Finishing of ADETHERM over-coat insulation systems.
- Decorating and protecting of concrete walls.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	paste
Colour	white, available colour range in the ADECOR chart or shades upon customer's request
Volume mass	1.85 g/cm³
Solid residue	85%
Grain size	1.2 - 1.5 mm
Storage	24 months in the original packaging, in a dry place and far from heat sources PROTECT AGAINST FROST
Dilution ratio	ready-for-use, possibly add 1 - 2% of water
Application temperature	from +5°C to +35°C
Re-paintability	min. 24 hours in standard conditions of humidity and temperature. In any case, always with the first coat dried

FINAL PERFORMANCE	
Vapour permeability (S_D)	0.18 m Class V2
Factor of water absorption by capillarity (W)	0.09 kg/m² $h^{0.5}$ Class W3
Adhesion	0.97 N/mm²
Adhesion after 20 cycles for durability test	2.00 N/mm²
Thermal conductivity	0.93 W/mK

ADECOR ACRYLSIL PITTURA

Paint based on siloxanic acrylic polymers.
Water-repellent and with high colour fastness,
it is ideal for indoor and outdoor application.



RESISTANT TO MILDEW

WATER-REPELLENT



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
-	See price list	20 kg/12.90 l drums	33 packages x 20 kg = 660 kg	0.3 - 0.4 kg/m² every two applied coats

09

PRODUCT FEATURES

- Siloxane acrylic wall paint for indoor and outdoor application, which combines the advantages of acrylic paints with those of siloxane paints.
- Higher vapour permeability and better water repellence than acrylic finishes.
- Resistant to all climatic conditions, not damaged by smog, salt spray and sunlight.
- Ideal for durable protection of the substrate over time.
- It adheres perfectly to all types of plasters and old paints well bonded to the substrate, after the application of ADETOP PRIMER or of ADETOP COLORPRIMER.
- Particularly effective against algae, moulds and fungi.

USE

- Painting of new or old substrates made of cementitious or lime-based plasters that are solid, consistent, not crumbling and suitably cured.
- To be used on north-facing walls particularly subject to algae, mould and fungi.
- It provides a lasting prevention of the growth of microorganisms.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	thick liquid
Colour	white, available colour range in the ADECOR chart or shades upon customer's request.
Volume mass	1.55 g/cm^3
Solid residue	66%
Storage	24 months (in the original packaging and in a dry place and far from heat sources between +5°C and +30°C)

FINAL PERFORMANCE	
Colour change after 1000 hours of exposure to the Weather-Ometer	ΔE < 1.5
Vapour permeability relative to 0.1 mm of dry thickness (Sd) (EN ISO 7783)	0.14 m
Factor of water absorption by capillarity W (EN 1062- 3)	0.15 kg/m^{2}h$^{0.5}$
VOC content (European Directive 2004/42/EC) white ready for use	≤ 5 g/l
VOC content (European Directive 2004/42/EC) coloured ready for use	≤ 28 g/l
Resistance to biological attack resistance to mould and fungi (EN 15457)	no growth
Resistance to biological attack resistance to algae (EN 15458)	no growth

ADECOR ACRYLSIL RIVESTIMENTO

Coating based on siloxanic acrylic polymers.
Water-repellent and with high colour fastness,
ideal for indoor and outdoor application.
Grain size 1.2 mm.



EN 15824
V1 W3
A2-s1 d0
INDOOR AN OUTDOOR COATING BASED ON ORGANIC BINDERS

WATER-REPELLENT

RESISTANT TO MILDEW



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
-	See price list	20 kg drums	33 packages x 20 kg = 660 kg	1.9 - 2.3 kg/m² depending on the roughness of the substrate

PRODUCT FEATURES

- Fibre-reinforced, acrylic-siloxanic wall coating for indoor and outdoor application, with selected particle size additions.
- It combines the advantages of acrylic finishes with those of siloxane ones.
- Resistant to all weather conditions, it is not damaged by smog, salt and sunlight, giving the substrate a durable protection over time.
- The contained fibres make it resistant to small cracks.
- Particularly effective against algae, moulds and fungi.
- Selected grain size of 1.2 mm, available in the shades of the ADECOR colour chart.
- It meets the requirements of **EN 15824** (Specifications for external renders and internal plasters based on organic binders).

USE

- For new or old substrates made of cementitious or lime-based plasters that are solid, consistent, not crumbling and suitably cured.
- Covering of old paints that adhere well to the substrate.
- Finishing of ADETHERM over-coated thermal insulation systems.
- Decoration and protection of cementitious substrates and levelling products.
- Used as coloured finish also on north-facing walls or walls particularly subject to algae, mould and fungi.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	paste
Colour	white, range of colours in the ADECOR chart or shades upon customer's request.
Volume mass	1.70 g/cm³
Solid residue	80%
Grain size	1.2 mm
Storage	24 months (in the original packaging and in a dry place and far from heat sources between +5°C and +30°C)

FINAL PERFORMANCE	
Colour change after 1000 hours of exposure to the Weather-Ometer	ΔE < 1.5
Water vapour permeability (Sd) (EN ISO 7783)	0.11 m Class V1 (Sd ≤ 1.14 m)
Water absorption factor (w) for capillarity (EN 1062-3)	0.05 kg/m²h$^{0.5}$ Class W3 (w ≤ 0.1 kg/m²h$^{0.5}$)
Adhesion (EN 1542)	2.63 N/mm² (≥ 0.3 N/mm²) Compliant
Adhesion after 20 cycles for durability test (EN13687-3)	2.62 N/mm² Compliant (≥ 0.3 N/mm²)
Thermal conductivity	0.89 W/mK
VOC content (European Directive 2004/42/EC) white ready for use	< 20 g/l
VOC content (European Directive 2004/42/EC) coloured ready for use	< 30 g/l
Resistance to biological attack resistance to mould and fungi (EN 15457)	no growth
Resistance to biological attack resistance to algae (EN 15458)	no growth

ADECOR ACRYLSIL RIVESTIMENTO PROFESSIONAL 1.2 mm

NEW

Thickness coating based on siloxane acrylic polymers. Water-repellent and with high protection, ideal for indoor and outdoor application. Grain size 1.2 mm.



EN 15824
V1 W3
A2-s1 d0
INDOOR AN OUTDOOR COATING BASED ON ORGANIC BINDERS

RESISTANT TO MILDEW

WATER-REPELLENT



COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
-	See price list	25 kg drum	33 packages x 25 kg = 825 kg	1.9-2.3 kg/m²

PRODUCT FEATURES

- It is an acrylic-siloxanic wall coating for indoor and outdoor application. With selected particle size additions, it joins the advantages of acrylic finishes with those of siloxanic ones.
- It is resistant to the harshest weather conditions, it is not damaged by smog and salt, giving the substrate a durable protection over time.
- Moreover, the fibres it contains give it resistance to small cracks.
- It adheres perfectly to all types of renders and old paints well bonded to the substrate, after the application of ADECOR SIL PRIMER or ADECOR SIL COLORPRIMER.
- Resistant to algae and moulds.
- Finishing of ADETHERM over-coated thermal insulation systems.
- It meets the requirements of **EN 15824** (specifications for external renders and internal plasters based on organic binders).

USE

- For new or old substrates made of cementitious or lime-based plasters that are solid, consistent, not crumbling and suitably cured.
- It can be used for covering old paints that adhere well to the substrate.
- For finishing ADETHERM over-coated thermal insulation systems.
- For decorating and protecting cementitious substrates and levelling products.

TECHNICAL DATA (at +23°C and 50% R.H.)

Appearance	paste
Colour	White, range of colours in the ADECOR colour chart or shades upon customer's request
Solid residue	80%
Volume mass	1.6-1.8 g/cm³
Storage	24 months (in the original packaging and in a dry place, far from heat sources) between +5°C and +35°C
Dilution ratio	Ready-for-use, possibly add 1-2% of water
Application temperature	from +5°C to +35°C
Re-paintability	Min. 24 hours in normal conditions of humidity and temperature. In any case, always with the first coat dried

FINAL PERFORMANCE

Colour change after 1000 hours of exposure to the Weather-Ometer	ΔE < 1.5
Water vapour permeability (Sd) (EN ISO 7783)	0.14 m Class V1 (Sd ≤ 1.14 m)
Water absorption factor (w) for capillarity (EN 1062-3)	Class W3 (w ≤ 0.1 kg/m²h$^{0.5}$)
Adhesion (EN 1542)	1.10 N/mm² Compliant (≥ 0.3 N/mm²)
Adhesion after 20 cycles for durability test (EN 13687-3)	1.55 N/mm² Compliant (≥ 0.3 N/mm²)
Thermal conductivity	0.89 W/mK
Resistance to biological attack, resistance to moulds and fungi (EN 15457)	No growth
Resistance to biological attack, resistance to algae (EN 15458)	No growth

ADECOR ACRYL COLORPRIMER

Coloured acrylic resin based primer,
in water dispersion with micro-granular quartz.
Evening and filling agent, to be used as a primer
for exterior and interior surfaces.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
-	See price list	20 kg/12.66 l drums	33 packages x 20 kg = 660 kg	0.3-0.5 kg/m^2 every applied coat

PRODUCT FEATURES

- Acrylic resin based primer in water dispersion with microgranular quartz able to even out the absorption of the substrate and to improve adhesion before applying the paint or coloured acrylic coating.
- It favours the coverage of the coloured finish, facilitating the uniformity of the final result, in the different colour tones present in the ADECOR colour chart.
- Excellent to apply before painting or coloured coating on new and/or old renders.

USE

- Always use for priming wall surfaces (e.g. concrete, renders or restoration with cementitious grouts) before applying the ADECOR ACRYL PITTURA or ADECOR ACRYL RIVESTIMENTO coloured finish.
- Ideal for the preparation of the substrate when building over-coated thermal insulation systems, before the application of the acrylic coating ADECOR ACRYL RIVESTIMENTO in thickness.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	thick liquid
Colour	white, available colour range in the ADECOR chart or shades upon customer's request.
Volume mass	1.58 g/cm^3
Solid residue	67%
Storage	24 months (in the original packaging and in a dry place and far from heat sources between +5°C and +30°C)

APPLICATION DATA	
Application temperature	from +5°C to +35°C
Waiting time between coats	min. 24 hours in standard conditions of humidity and temperature. In any case, always with the first coat dried.
Water vapour diffusion resistance factor μ (EN ISO 7783)	428
Vapour permeability relative to 0.15 mm of dry thickness (Sd) (EN ISO 7783)	0.06 m
Factor of water absorption by capillarity W (EN 1062-3)	0.53 kg/m^{2}h$^{0.5}$
VOC content (European Directive 2004/42/EC) white ready for use	≤ 20 g/l
VOC content (European Directive 2004/42/EC) coloured ready for use	≤ 30 g/l

ADECOR ACRYL PRIMER

Primer based on acrylic resins in water dispersion that unifies the absorption of the substrate and improves the adhesion of coloured finishes.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
Transparent	256110AD	10 kg/9.9 l drum	66 packages x 10 kg = 660 kg	0.1 - 0.2 kg/m²

09

PRODUCT FEATURES

- Primer based on acrylic resins in water dispersion.
- It guarantees the dust consolidation and improves the adhesion on the wall surfaces to be treated.
- It creates an absorbing and consolidating effect before the application of the coloured finish.
- Odourless, it contains no solvents and can be applied in closed or poorly ventilated areas.
- Very low VOC emissions (class EC1 plus).

USE

- Fixing primer based on acrylic resins in water dispersion, always to be used as preparation of the substrate for wall surfaces (e.g. concrete, plasters or restorations with cementitious grouts).
- It adjusts and evens the absorption of the substrate before the application of the paint and of the coloured coating ADECOR ACRYL PITTURA and ADECOR ACRYL RIVESTIMENTO.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	fluid liquid
Colour	transparent
Volume mass	1.01 g/cm³
Solid residue	15%
Storage	24 months in the original packaging, in a dry place and far from heat sources PROTECT AGAINST FROST

FINAL PERFORMANCE	
Application temperature	from +5°C to +35°C
Waiting time between coats	12 - 24 hours depending on the humidity and temperature conditions, considering the underlying layer completely dry

ADECOR ELASTO PITTURA

Paint based on elastomer acrylic polymers. It provides high surface protection and reduces the risk of cracking due to its high elasticity. For indoor and outdoor use.





COLOUR	CODE	PACKAGE	KG/PALLET	COVERAGE
-	See price list	20 kg/14.60 l drums	33 packages x 20 kg = 660 kg	0.2 - 0.4 kg/m² every applied coat

PRODUCT FEATURES

- Indoor and outdoor wall paint based on elastomer acrylic polymers in water dispersion that generates an elastic, waterproof layer resistant to all weather conditions.
- It is not damaged by smog, salt and frost and provides the substrate with low dirt retention and long-lasting protection.
- To be used as a coloured finish on concrete restoration cycles of the ADEGROUT line.

USE

- Suitable for painting of new or old substrates made of cementitious or lime-based plasters that are solid, consistent, not crumbling and suitably cured, with micro-cracks.
- To be used for the protection of concrete structures and prefabricated concrete elements that develop small deformations under load or show slight cracks.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	thick liquid
Colour	white, range of colours in the ADECOR colour chart or shades upon customer's request.
Volume mass	1.37 g/cm^3
Solid residue	63%
Storage	24 months (in the original packaging and in a dry place and far from heat sources between +5°C and +30°C)

FINAL PERFORMANCE	
Accelerated ageing resistance (1000 h at Weather-Ometer - colour RAL 7032) (ASTM standard G 155 cycle 1)	ΔE < 2.5
Vapour permeability relative to 0.1 mm of dry thickness (Sd) (EN ISO 7783)	0.5 m
Factor of water absorption by capillarity W (EN 1062- 3)	0.01 kg/m^{2}h$^{0.5}$
CO_2 permeability relative to 0.15 mm of dry thickness (Sd) (EN 1062-6)	318 m
VOC content (European Directive 2004/42/EC) white ready for use	≤ 20 g/l
VOC content (European Directive 2004/42/EC) coloured ready for use	≤ 30 g/l

ADECOR INTERNI

NEW

Colourable water paint for walls, extra-washable, mould resistant and covering. Indicated for plasterboards surfaces and modern construction systems.



TESTED according to EN 15457

RESISTANT TO MILDEW

TESTED according to EN 13300



COLOUR	CODE	PACKAGE	L/PALLET	COVERAGE
See colour chart		14 l drum	33 packages x 14 kg = 462 kg	0.1 - 0.2 l/m² every coat

PRODUCT FEATURES

- High-coverage wall paint based on modified acrylic resins in water dispersion.
- For indoor applications.
- Its marked opacity and the fillers inside it give the substrate a smooth, velvety appearance.
- High white shade.
- Mould-resistant.
- Extreme washability.
- Suitable for use indoors, on renders, levelling products and plasterboard surfaces, to mask joints between panels.
- It is conform to the European Norms **EN 13300** and **EN 15457.**

USE

- For the treatment of old, new or already painted internal walls, as long as they are consistent and not crumbling, with halos, stains, blackening or deterioration of the surfaces due to the proliferation of moulds or algae (after specific preliminary treatment).
- On cementitious, lime-based substrates in kitchens, cellars and all indoor rooms of the house, giving the walls a smooth and opaque appearance with high resistance to the growth of moulds.
- In closed, damp or poorly ventilated areas.
- In all indoor spaces for keeping the environment sanitized, retaining dirt very little and preventing the formation of algae, moulds or fungi.

TECHNICAL DATA (at +23°C and 50% R.H.)

Appearance	Thick liquid
Colour	White, range of colours in the ADECOR colour chart or shades upon customer's request
Max. particle size (EN 21524)	Fine
Volume mass	1.58 g/cm³
Storage	24 months (in the original packaging and in a dry place, far from heat sources) between +5°C and +30°C
Dilution ratio	15–25% of clean water (in volume)
Application temperature	from +5°C to +35°C
Waiting time between coats	6-12 hours anyway when completely dry

FINAL PERFORMANCE

Vapour permeability factor μ (EN ISO 7783)	195
Coverage capacity of 6.7 m²/l (EN ISO 6504-3)	Class 1
Resistance to wet brushing, 200 cycles (EN ISO 11998):	Class 2
Vapour permeability relative to 0.15 mm of dry thickness S_d	0.03 m
Brilliance 85° (EN ISO 2813)	Very opaque

ADETOP INTERNI

White, sanitizing, washable and transpiring wall paint for protecting interior walls in damp environments from algae, moulds or fungi.





COLOUR	CODE	PACKAGE	L/PALLET	COVERAGE
White	6DD000020AD	14 l drum	33 packages x 14 kg = 462 kg	0.3-0.4 kg/m² depending on the roughness of the substrate

PRODUCT FEATURES

- Water-based wall paint for interiors based on modified acrylic resins with high coverage.
- Applied to all types of cementitious substrates, based on lime or gypsum, it adheres perfectly and gives a smooth and opaque appearance.
- Transpiring, washable and it does not retain dirt.

USE

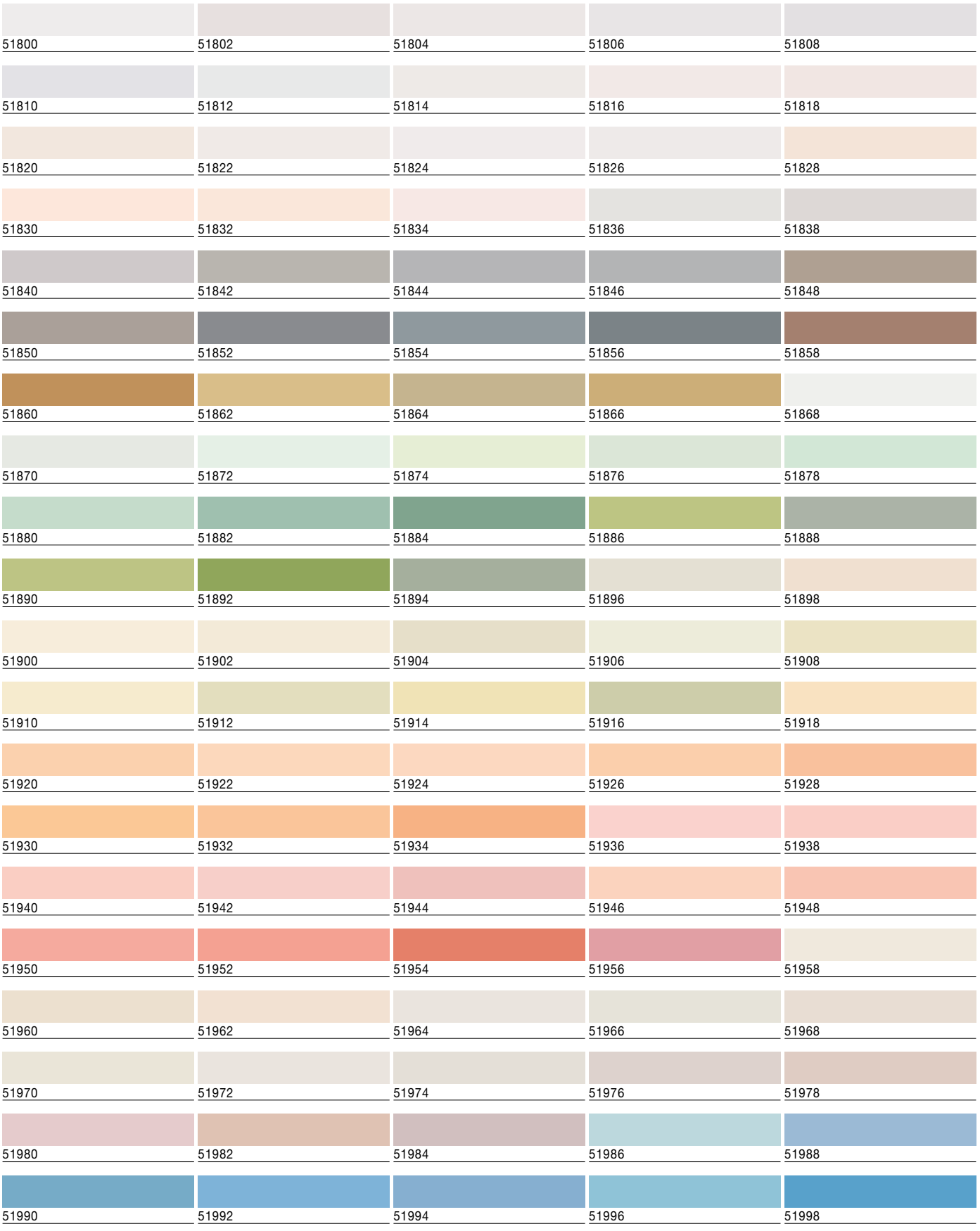
- On cementitious, lime or gypsum-based substrates in bathrooms, kitchens, cellars and all indoor wet rooms of the house.
- On “cold” internal walls, where condensate humidity is present.
- In closed, damp or poorly ventilated areas.
- In all spaces where you want to keep the environment sanitized, retain dirt very little and prevent the formation of algae, moulds or fungi.

TECHNICAL DATA	(at +23°C and 50% R.H.)
Appearance	thick liquid
Colour	white
Volume mass	1.60 g/cm³
Storage	24 months (in the original packaging and in a dry place) at a temperature between +5°C and 30°C AWAY FROM HEAT SOURCES – PROTECT AGAINST FROST
Dilution ratio	15 - 20% of clean water
Application temperature	from +5°C to +35°C
Application environment humidity	< 85%
Waiting time between coats	6-12 hours anyway when completely dry

COLOUR TABLE

ADECOR

Colours are approximate.
For the shades and the availability see the colour chart.



EUROPEAN CLASSIFICATIONS AND MARKINGS

EUROPEAN CLASSIFICATION AND MARKING FOR THE BUILDING MATERIALS

The classification of building materials according to a unique European-valid pattern is achieved through the indications of the EN norms. This system is targeted at allowing the final users to evaluate the products according to their application field and features, by reading conformity symbols applied on the packages and in the technical documentation. According to the European Directive for building products, for the free circulation of products in the European Community member countries, it is mandatory to apply the CE marking on the packages of the different building materials as a consequence of the Norm implementation by the single countries. The CE marking is a certified guarantee of the purchased product for the users.
ADESITAL steadily follows the Norms within the transparency and seriousness featuring the relationship with its Customers.

CLASSIFICATION OF ADHESIVES AND GROUTS FOR CERAMICS





The European Norms covering adhesives and grouts for ceramics and stone materials are: **EN 12004, EN 13888.**

ADHESIVES

Type	Initials	Class
cementitious	C	
in dispersion	D	
resin-reaction	r	
	1	normal
	2	improved
	F	with rapid setting
	T	slip resistant
	E	with extended open time
cementitious	S1	deformable
	S2	highly deformable

GROUTING

Type	Initials	Class
cementitious	CG	
based on reaction resins		RG
	1	Normal
	2	Improved (high resistance to abrasion, reduced water absorption)
	W	Water absorption
	A	Resistance to abrasion

CEMENTITIOUS ADHESIVES (EN 12004)



C1. Normal cementitious adhesive.
› E 50



C1E. Normal cementitious adhesive with extended open time.
› ADEPLUS
› ADEBOND



C1T. Normal slip resistant cementitious adhesive.
› B 75 SPECIAL



C1TE. Normal slip resistant cementitious adhesive with extended open time.
› ADEPLUS TIXO



C2E. Improved cementitious adhesive with extended open time.
› ADEX HP 30



C2TE. Improved slip resistant cementitious adhesive with extended open time.
› ADEGRES
› EXTRA 30



C2FT. Improved slip resistant, rapid setting cementitious adhesive for ceramics.
› EXTRA 30 FAST



C2-S2. Highly deformable improved cementitious adhesive.
› LATEX EL 300 + ADEBOND
› LATEX EL 300 + B 75 SPECIAL



C2E-S1. Deformable, improved cementitious adhesive with extended open time.
› ADEX HP 30 PLUS



C2E-S2. Highly deformable improved cementitious adhesive with extended open time for the installation of ceramic.
› EXTRA 30 POWER S2



C2TE-S1. Deformable, improved slip resistant cementitious adhesive with extended open time.
› EXTRA 30 MAXI
› B 75 MONOCOLOR
› ADEFLEX LIGHT S1
› EXTRA 30 POWER
› EXTRA 30 POWER BIANCO FLASH
› ADEX HP 30 PLUS T
› EXTRA 30 POWER N



C2FT-S1. Deformable, rapid setting, improved slip resistant cementitious adhesive.
› EXTRA 40 FAST
› ADEPROOF BOND



C2FT-S2. Highly deformable, rapid setting, improved slip resistant cementitious adhesive.
› LATEX R 200 + EXTRA 40 FAST



C2TE-S2. Highly deformable, improved slip resistant cementitious adhesive with extended open time.
› ADEFLEX LIGHT S2

ADHESIVES IN DISPERSION (EN 12004)



D1TE. Slip resistant normal adhesive in dispersion with extended open time.
› M 73



D2TE. Slip resistant improved adhesive in dispersion with extended open time.
› ADESINT

RESIN REACTION ADHESIVES (EN 12004)



R2T. Improved slip resistant resin reaction adhesive.
› ADEPOXY
› ADEFLEX T
› ADEPOXY MATERIA



R2. Improved resin reaction adhesive for ceramic tiles.
› ADEPOXY MATERIA TECH

GROUTS FOR JOINTS (EN 13888-1)



CG2FWA. Fast-setting, fast-drying cementitious mortar, with improved abrasion resistance and low water absorption.
› FUGAMAGICA MATERIA POWER



CG2WA. Improved cementitious grout resistant to abrasion, with reduced water absorption.
› FUGAMAGICA 0-4 MATERIA TECH
› FUGAMAGICA ZEROSEI MATERIA
› FUGAMAGICA 2-12
› FUGAMAGICA 3-20 MATERIA TECH



RG. Resin reaction grout for joints.
› ADEPOXY MATERIA
› ADEPOXY MATERIA TECH

CLASSIFICATION OF PRE-MIXED GROUTS FOR SCREEDS

The European Norm covering pre-mixed grouts for screeds is **EN 13813**.

CT based on cementitious binders
C30 resistance to compression after 28 days equal to 30 N/mm²
F6 resistance to flexure after 28 days equal to 6 N/mm²
A1, A2 fl fire resistance classes for flooring
S1 smoke emission in the event of a fire



CT C30-F6 $A1_{fl}$. Highly resistant cement-based screed
› **STARCEM PRONTO 2.0**



CT C30-F7 $A2_{fl}$ S1. Highly resistant cementitious smoothing
› **AL 70 RAPID**



CT C35-F7 $A2_{fl}$ S1.
› **ALS 80 RAPID**



CT C20-F4 $A1_{fl}$.
› **ADEPLAN THERMO**

CLASSIFICATION OF SUBSTRATE RENDERS AND WALL GROUTS

The European Norm covering grouts for indoor and outdoor renders is **EN 998-1**.
The Norm includes four classes with increasing resistance to compression: **CSI, CSII, CSIII, CSIV**, where **CSIV** > 6 N/mm².
The European Norm covering wall grouts **EN 998-2** with **M** classes of resistance to compression ranging from 1 to 20, expressed in N/mm².



› **ADEBLOCK** CLASS CSIII
› **ADEGROUT 300 RAPIDO** CLASS CSIV
› **ADEMUR RINFORZO 150** CLASS CSIV
› **ADEPLAN MAXI** CLASS CSIV
› **ADEPLAN RC 70** CLASS CSIII
› **ADEPLAN RC 170** CLASS CSIII
› **ADEPLAN RD 80** CLASS CSIV
› **ADEPLAN RD 120** CLASS CSIV
› **ADEPLAN RF 60** CLASS CSIV
› **ADESAN CALCE INTONACO** CLASS CSII
› **ADESAN CALCE RASANTE CIVILE** CLASS CSIV
› **ADESAN CALCE RASANTE FINE** CLASS CSII
› **ADESAN CALCE RINZAFFO** CLASS CSIV
› **ADESAN NHL INTONACO** CLASS CSII
› **ADESAN MONO LIGHT** CLASS CSII
› **ADESAN RASANTE** CLASS CSIII
› **ADESAN RINZAFFO** CLASS CSIV
› **ADESAN NHL STRUTTURALE** CLASS CSIV
› **ADETHERM EXTRA 35** CLASS CSIV



› **ADEBLOCK** CLASS M5
› **ADEMUR RINFORZO 150** CLASS M15
› **ADESAN NHL STRUTTURALE** CLASS M15

CLASSIFICATION OF GROUTS FOR CONCRETE REPAIR

The European Norm covering grouts for concrete structural and non-structural repair is **EN 1504-3**.

Class	Non-structural	Structural
R1	≥ 10 MPa	
R2	≥ 15 MPa	
R3		≥ 25 MPa
R4		≥ 45 MPa

CC Cementitious grouts
PCC Cementitious grouts with polymer additives



R4-PCC. Structural polymer cementitious grout with resistance class to compression: R4
› **ADEGROUT MAXI**



R4-CC. Structural restoration cementitious grout with resistance class to compression: R4
› **ADEGROUT FLUIDO**
› **ADEGROUT TRAFFIC**
› **ADEGROUT MONOSTRATO R4**
› **ADEGROUT ANCORAGGI**



R3-CC. Structural restoration cementitious grout with resistance class to compression: R3
› **ADEGROUT TISSOTROPICO**
› **ADEGROUT TIXO RAPIDO**



R2-PCC. Hydraulic grout modified by the addition of polymer additives for the non-structural repair of concrete.
› **ADEGROUT MONOSTRATO**
› **ADEPLAN MAXI**

CLASSIFICATION OF SYSTEMS FOR CONCRETE PROTECTION

The European Norm covering systems for concrete protection is **EN 1504-2**.

PI protection against penetration risks
MC humidity control
PR physical resistance - surface improvement
RC resistance to chemicals
IR resistivity increase by limiting the humidity content

CE EN 1504-2 MC-IR

MC+IR. System controlling the humidity and increasing resistivity by limiting the humidity content.
› ADEGROUT MONOSTRATO
› ADEGROUT 300 RAPIDO
› ADEPLAN RD 80
› ADEPLAN RD 120 G6-G10
› OSMOSTUCK H2O
› ADEGROUT MONOSTRATO R4

CE EN 1504-2 PI-MC-IR

PI+MC+IR. System protecting against penetration risks, controlling the humidity and increasing resistivity by limiting the humidity content.
› ADEPROOF ELASTOCEM
› ADEPROOF ELASTOCEM RECORD
› ADEPROOF VISTA
› ADEPROOF MONO

CE EN 1504-2 (C) PI-MC-PR-RC-IR

EN 1504-2 PI-MC-PR-RC-IR. System protecting against penetration risks, controlling the humidity, physical resistance/ surface improvement, chemical resistance and increasing resistivity by limiting the humidity content.
› ADEPROOF TOP

CLASSIFICATION OF WATERPROOFING PRODUCTS, LIQUID APPLIED

The European Norm classifying the liquid waterproofing products used under ceramic tiles bonded with adhesives is **EN 14891.**

Type	Initials
cementitious	CM
In dispersion	DM
based on reaction resins	RM

Optional features

O1	crack bridging ≥ 0.75 mm at -5°C
O2	crack bridging ≥ 0.75 mm a -20°C
P	adhesion ≥ 0.5 N/mm² after contact with chlorine

CE EN 14891 CM02P LIQUID APPLIED WATERPROOFING PRODUCTS

CMO2P. Highly flexible waterproofing cementitious product even at -20°C with high adhesion even after contact with chlorinated water.
› ADEPROOF ELASTOCEM

CE EN 14891 CM01P LIQUID APPLIED WATERPROOFING PRODUCTS

CMO1P. Highly flexible waterproofing cementitious product even at -5°C with high adhesion even after contact with chlorinated water.
› ADEPROOF ELASTOCEM RECORD
› ADEPROOF MONO

CE EN 14891 RM02P

RMO2P. Waterproofing product based on reaction resins, highly flexible even at -20°C with high adhesion even after contact with chlorinated water.
› ADEPROOF TOP

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NOTE:

FSC

The FSC® label identifies products containing wood from forests managed correctly and responsibly according to strict environmental, social, and economic standards.

The forest of origin has been independently assessed and evaluated in accordance with these standards (principles and criteria of good forest management), established and approved by the Forest Stewardship Council® a.c. through stakeholder participation and consensus.





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