



Mapeband TPE



TPE tape for flexible sealing and waterproofing expansion joints and cracks subject to movements up to 5 or 10 mm, using Mapeband TPE 170 or Mapeband TPE 325 respectively.

Applications:

It is particularly recommended for waterproofing structural joints in covering applications terraces and swimming pads. **Mapeband TPE** must only be bonded on surfaces which are free of oil, paint, dust and loose parts using **Adesilex PG4**. Straps of **Mapeband TPE** may be joined by carrying out using the "cold-weld" technique by applying contact adhesive, such as **Adesilex LP** poly-chloroprene adhesive in solvent, on both surfaces.

Packaging

- **Mapeband TPE 170:**
30 m x 17 cm rolls;
- **Mapeband TPE 325:**
30 m x 32.5 cm rolls.



Adesilex PG4



Two-component, thixotropic, epoxy adhesive with modified-rheology for bonding Mapeband TPE.

Applications:

Adesilex PG4 is a two-component adhesive made up of an epoxy resin base, fine-grained selected aggregates and special admixes. **Adesilex PG4** is used both as an adhesive for bonding synthetic braces used in waterproofing applications and for repairing, sealing and bonding elements in concrete, reinforced cement, metal and natural stone. **Adesilex PG4** is characterised by its low viscosity and, as a result, offers good wetting of the substrate. This makes it easy to apply by trowel on horizontal and vertical surfaces and on ceilings without dripping, thanks to it being highly thixotropic. To prepare the product, pour component B (white) into component A (grey) and mix together with a drill fitted with a low-speed mixing attachment until a homogenous mix is obtained.

Technical data:

- Pot life:** 75 minutes.
- Setting time:** 5 hours.
- Complete hardening:** 7 days.
- Application:** trowel.

Consumption

1.55 kg/m² per mm of thickness.

Packaging

- 6 kg (A+B);
- 30 kg (A+B).



LA ISLA BONITA SWIMMING POOL - Pontecagnano (SA) - Italy
Waterproofing of the swimming pool with MAPELASTIC and MAPEBAND,
protection and decoration with ELASTOCOLOR WATERPROOF

Primers

Primer G



Synthetic resin based primer in water dispersion.

Applications:

Treating gypsum or anhydrite surfaces prior to installing ceramic tiles and stone material with cementitious adhesives or levelling. The surfaces to be treated must be clean and porous.

Dilute **Primer G** with water from 1:1 to 1:3 to protect old floors before levelling, to fix the residual dusting and to provide even absorption of substrates prior to levelling or laying. Apply on perfectly dry gypsum or anhydrite surfaces (residual moisture content less than 0.5%).

Technical data:

Minimum drying time: 2 hours.

Application: brush or by spray.

EMICODE: EC1 - extremely low emission level.

Storage: 24 months. Protect from frost.

Consumption

0.1-0.2 kg/m² depending on use.

Packaging

25-10-5 kg drums and 12x1 kg packs.



Primer S



Waterproofing primer in water dispersion.

Applications:

Waterproofing gypsum-board, wood particle board and the like, gypsum plaster, etc. subject to the presence of water in bathrooms, showers, cooking areas, etc. before the installation of ceramic tiles with cementitious or paste adhesives.

For waterproofing anhydrite screeds before fixing ceramic tiles or other floors subject to frequent washing.

Technical data:

Waiting time between coats:

20-30 minutes.

Waiting time before installation of coating: approx. 12 hours.

Application: brush or roller.

Storage: 24 months. Protect from frost.

Consumption

0.1 kg/m² per coat.

Packaging

5 kg bottles and 12x1 kg packs.



Mapeprim SP



Two-component solvent-free primer.

Applications:

Treatment of gypsum and anhydrite surfaces before the installation of ceramic tiles or stone material with cementitious adhesives. **Mapeprim SP** improves the bonding of smoothing and levelling compounds such as **Ultraplan** and **Planolit** on very smooth and compact substrates such as ceramic tiles, natural stone and wood. Apply the levelling compounds while **Mapeprim SP** is still "indentable" and before it has completely hardened.

Use **Mapeprim SP** on dry substrates and not subject to rising damp.

Technical data:

Pot life: approximately 1 hour.

Waiting time before applying a smoothing compound: between 1 and 3 hours.

Application: brush, roller or flat trowel.

Storage: 24 months. Protect from frost.

Consumption

0.1-0.2 kg/m².

Packaging

8 kg kits (4+4);

4 kg kits (2+2).





Mapeprim 1K



One-component solvent-free primer.

Applications:

Mapeprim 1K is used to prepare flat, compact and non porous substrates such as ceramic tile and stone material floor and wall coverings before the application of MAPEI smoothing and levelling compounds or before the installation of tiles with cementitious adhesives. Treatment of poured asphalt, wood, chip-board, PVC and linoleum surfaces. Protection from moisture for wooden surfaces. Apply the smoothing compound or install the tiles *within 24 hours*. If installation will be carried out *after 24 hours* of the application of the primer, spread fine sand over the still fresh Mapeprim 1K layer. Use Mapeprim 1K only over dry surfaces and not subject to rising damp.

Technical data:

Application temperature range: from +5 to +35°C.

Waiting time before applying the smoothing compound: between 1 and 3 hours.

Maximum time for applying the smoothing compound: 24 hours.

Application: brush, roller or flat trowel.

Storage: 24 months.

Consumption
0.1-0.2 kg/m².

Packaging
5 kg drums.



Eco Prim T



Solvent-free acrylic primer with extremely low emission levels of volatile organic compounds (VOC), for both absorbent and non-absorbent substrates.

Applications:

Multi-purpose primer to improve the bond of smoothing and levelling compounds on all surfaces, both absorbent and non-absorbent: cementitious, gypsum, anhydrite, asphalt, ceramics, wood, tiles. It is particularly suitable as a bonding promoter on old adhesives residues for resilient and textile floors.

Technical data:

Consistency: fluid liquid.

Colour: white.

Inflammable: no.

Recommended application temperature range: from +5°C to +40°C.

EMICODE: EC1 - extremely low emission level.

Storage: 24 months.

Application: by brush or roller.

Consumption
0.10-0.20 kg/m².

Packaging
5 kg and 20 kg drums.



Eco Prim Grip



Multi-purpose, ready-to-use acrylic resin and inert silica based bonding promoter and primer, with extremely low emission level of volatile organic compounds (VOC). Suitable for renders, smoothing and levelling compounds and adhesives for ceramics.

Applications:

Multi-purpose, ready-to-use bonding promoter for renders. Guarantees the formation of a rough surface with good gripping properties to ensure an excellent bond even on smooth or low-absorbent substrates. It may also be used to improve the bond of smoothing and levelling compounds and adhesives for ceramic tiles in interior on non-absorbent surfaces: ceramics, marble, etc.

Technical data:

Consistency: creamy liquid.

Colour: grey.

Waiting time before applying render: 30 minutes.

Waiting time before applying smoothing compound: 30 minutes.

Application temperature range: from +5°C to +35°C.

EMICODE: EC 1 - extremely low emission level.

Storage: 24 months.

Application: by roller or brush.

Consumption
0.20-0.30 kg/m².

Packaging
5 kg and 10 kg drums.



Cement-based adhesives

Tixobond White



Ultra-white cementitious adhesive with no vertical slip and extended open time for the installation of ceramic tiles on walls (thickness of adhesive up to 15 mm).

Applications:

Bonding ceramic mosaic and all types of ceramic tiles (small sizes for exterior and all sizes for interior applications) on traditional cementitious render walls, rigid plasterboard walls and gypsum substrates after application of a suitable primer.

N.B. Particularly recommended for laying ceramic diagonally or starting from the top and working downwards, without using spacers. Suitable for laying tiles with highly-ribbed or deep-set backs, and for laying on uneven substrates and renders without levelling them out beforehand, up to a thickness of 15 mm.

Technical data:

Pot life: more than 8 hours.

Open time: 30 minutes.

Grouting:

– on walls: 4-8 hours;

– on floors: 24 hours.

Set to light foot traffic: 24 hours.

Ready for use: approx. 14 days.

Colour: white.

Application: notched trowel n° 4, 5, 6 or 10.
EMICODE: EC1 R - extremely low emission level.

Storage: 12 months.

Consumption

1.2 kg/m² per mm of thickness.

Packaging

25 kg bags.

Tixobond White is CE marked, as declared in ITT certificate n° 25040602/Gi (TUM) issued by the Technische Universität München laboratory (Germany)



Kerabond



Cementitious adhesive for ceramic tiles.

Applications:

Interior and exterior floor and wall bonding of all types of medium sized ceramic tiles and mosaics for environments that are not particularly stressed on conventional walls with cementitious renders, cementitious screeds and on anhydrite screeds and gypsum plasters specifically primed beforehand.

N.B. When mixing **Kerabond** with **Isolastic** as a substitute for water, the performance characteristics improve, satisfying **class C2ES2** (improved cementitious highly deformable adhesive) with extended open time according to EN 12004.

Technical data:

Pot life: over 8 hours.

Open time: 20 minutes.

Grouting:

– walls: 4-8 hours;

– floors: 24 hours.

Set to light foot traffic: approx. 24 hours.

Ready for use: approx. 14 days.

Colours: grey and white.

Application: notched trowel n. 4 or 5 or 6.
EMICODE: EC1 R - extremely low emission level.

Storage: 12 months.

Consumption

2-5 kg/m².

Packaging

25 kg bags and 4x5 kg boxes.

Kerabond is CE marked, as declared in ITT certificates n° 25070080/Gi (TUM) and n° 25080025/Gi (TUM) issued by the Technische Universität München laboratory (Germany)



Kerabond T



Cementitious adhesive with no vertical slip for ceramic tiles.

Applications:

Interior and exterior floor and wall bonding of all types of medium sized ceramic tiles and mosaics for environments that are not particularly stressed on conventional walls with cementitious renders, cementitious screeds and on anhydrite screeds and gypsum plasters specifically primed beforehand.

N.B. When mixing **Kerabond T** with **Isolastic** as a substitute for water, the performance characteristics improve, satisfying **class C2S2** (improved cementitious highly deformable adhesive) according to EN 12004.

Technical data:

Pot life: over 8 hours.

Open time: 20 minutes.

Grouting:

– walls: 4-8 hours;

– floors: 24 hours.

Set to light foot traffic: approx. 24 hours.

Ready for use: approx. 14 days.

Colours: grey and white.

Application: notched trowel n. 4 or 5 or 6.
EMICODE: EC1 R - extremely low emission level.

Storage: 12 months.

Consumption

2-5 kg/m².

Packaging

25 kg bags and 4x5 kg boxes.

Kerabond T is CE marked, as declared in ITT certificates n° 25050176-1/Gi (TUM) and n° 25080238/Gi (TUM) issued by the Technische Universität München laboratory (Germany)



ROTONDA DELLA BESANA - Milan - Italy
Products used: MAPECEM, TOPCEM, TOPCEM PRONTO, KERAFLOR, ISOLASTIC



Kerafloor



Cementitious adhesive for ceramic tiles for thicknesses up to 15 mm.

Applications:

Interior and exterior floor and wall bonding of all types of medium sized ceramic tiles and mosaics for environments that are not particularly stressed on conventional walls with cementitious renders, cementitious screeds and on anhydrite screeds and gypsum plasters specifically primed beforehand and when the unevenness of the substrate and/or the back of the tiles require a layer thicker than 5 mm but less than 15 mm.

N.B. When mixing **Kerafloor** with **Isolastic** as a substitute for water, the performance characteristics improve, satisfying **class C2S2** (improved cementitious highly deformable adhesive) according to EN 12004.

Technical data:

Pot life: over 8 hours.

Open time: 20 minutes.

Grouting:

– walls: 6-8 hours;

– floors: 24-36 hours.

Set to light foot traffic: approx. 24-36 hours.

Ready for use: approx. 14 days.

Colours: grey and white.

Application: notched trowel n. 6 or 10 or trowel for **Kerafloor**.

EMICODE: EC1 R - extremely low emission level.

Storage: 12 months.

Consumption

1.4 kg/m² per mm of thickness (4-10 kg/m²).

Packaging

25 kg bags.

Kerafloor is CE marked, as declared in ITT certificate n° 25050161/Gi (TUM) issued by the Technische Universität München laboratory (Germany)



Keraset



Cementitious adhesive for ceramic tiles.

Applications:

Interior and exterior floor and wall bonding of all types of small sized ceramic tiles and mosaics for environments that are not particularly stressed on conventional walls with cementitious renders, cementitious screeds and on anhydrite screeds and gypsum plasters specifically primed beforehand.

Technical data:

Pot life: 6-8 hours.

Open time: 20 minutes.

Grouting:

– walls: 3-6 hours;

– floors: 24 hours

Set to light foot traffic: approx. 24 hours.

Ready for use: approx. 14 days.

Colours: grey and white.

Application: notched trowel n. 4 or 5 or 6.

EMICODE: EC1 R - extremely low emission level.

Storage: 12 months.

Consumption

2-5 kg/m².

Packaging

25 kg bags.

Keraset is CE marked, as declared in ITT certificate n° 71230101.101 (SFV) issued by the Säurefließner-Vereinigung e.V. Grossburgwedel laboratory (Germany) and in ITT certificate n° 25080231/Gi (TUM) issued by the Technische Universität München laboratory (Germany)



Isolastic



Flexible latex additive to be mixed with Kerabond, Kerabond T, Kerafloor and Adesilex P10.

Applications:

Isolastic is a latex additive to be mixed with Kerabond, Kerabond T or Kerafloor to improve the performance and deformability to satisfy class C2ES2 (improved cementitious highly deformable adhesive with extended open time) when mixed with Kerabond or C2S2 (improved cementitious highly deformable adhesive) when mixed with Kerabond T and Kerafloor according to EN 12004. Adhesives obtained this way are suitable for interior and exterior bonding of all types of ceramic tiles (double-fired, single-fired, quarry tiles, klinker, terracotta, glass mosaics, porcelain tiles, etc.) and stone material on conventional substrates, on concrete, precast concrete panels as long as well cured (3 months), heating panels, fibrous cement, plaster board and wood or wood composition panels as long as they are firmly fixed. Installations can be carried out over gypsum-based or anhydrite surfaces only if specifically primed beforehand. Isolastic diluted 1:1 with water can be also mixed with Adesilex P10 to improve its deformability to satisfy class S1 requirements according to EN 12004.

Technical data:

Kerabond/KerabondT/Kerafloor+Isolastic:

Pot life: over 8 hours.

Open time: 20 minutes.

Grouting:

- walls: 4-8 hours;

- floors: 24-36 hours.

Set to light foot traffic: 24-36 hours.

Ready for use: approx. 14 days.

Deformability according to EN 12004:

S2 - highly deformable (Adesilex P10 + Isolastic diluted 1:1 with water - S1 deformable).

Application: Kerabond/Kerabond T+

Isolastic: notched trowel n. 4 or 5 or 6.

Kerafloor+Isolastic: notched trowel n. 6 or 10

or trowel for Kerafloor.

Adesilex P10+Isolastic diluted 1:1 with

water: notched trowel n. 4 or 5 or 6).

Storage: 24 months. Protect from frost.

Consumption

1-2 kg/m².

Packaging

25-10-5 kg drums; 12x1 kg packs.

Kerabond + Isolastic is CE marked,

as declared in ITT certificates

n° 25070081/Gi (TUM) and

n° 25080048/Gi (TUM),

Kerabond T + Isolastic is

CE marked, as declared

in ITT certificate

n° 25070265-1/Gi (TUM)

and n° 25080055/Gi

(TUM), and Adesilex P10 +

Isolastic is CE marked, as

declared in ITT certificate

n° 25080056/Gi (TUM)

issued by the Technische

Universität München

laboratory (Germany)



Adhesives + Isolastic Latex	EN 12004 norm
KERABOND + ISOLASTIC	C2E, S2
KERABOND T + ISOLASTIC	C2, S2
KERAFLOOR + ISOLASTIC	C2, S2
KERABOND + ISOLASTIC diluted 1:1 with water	C2, S1
KERABOND T + ISOLASTIC diluted 1:1 with water	C2, S1
KERAFLOOR + ISOLASTIC diluted 1:1 with water	C2, S1
ADESILEX P10 + ISOLASTIC diluted 1:1 with water	C2TE, S1



AQUATIC PARK - Grado (Gorizia) - Italy
 Products used: NIVOPLAN, MAPELASTIC,
 MAPEBAND, KERACRETE,
 KERAPOXY, MAPESIL AC

Keracrete + Keracrete Powder



High performance two-component cementitious adhesive with no vertical slip for ceramic tiles, glass mosaic and stone material.

Applications:

Interior and exterior, floor and wall, in basins and swimming pools, bonding of stone material (as long as moisture stable), all types of ceramic and mosaic tiles on conventional walls with cementitious renders, cementitious screeds, anhydrite screeds and gypsum walls (as long as primed beforehand), interior walls in foamed concrete blocks, gypsum board, underfloor heating systems, existing floors, fibre-cement panels, placed concrete and interior precast concrete panels (cured at least 4 months).

Particularly suitable for the installation of coverings in swimming pools, basins, etc.

Technical data:

Keracrete + Keracrete Powder:

Pot life: 90 minutes.

Open time: 20 minutes.

Grouting:

– walls: 4-6 hours;

– floors: 24 hours.

Set to light foot traffic: approx. 3 days.

Ready for use: approx. 14 days (21 days for basins and swimming pools).

Colours:

– **Keracrete Powder:** grey and white.

Application: notched trowel n. 4 or 5 or 6.

EMICODE: EC1 R - extremely low emission level.

Storage:

– **Keracrete:** 24 months. Protect from frost.

– **Keracrete Powder:** 12 months.

Consumption

0.5-1 kg/m² of **Keracrete**.

2-4 kg/m² of **Keracrete Powder**.

Packaging

– **Keracrete:** 25-10-5 kg drums;

– **Keracrete Powder:** 25 kg bags.

Keracrete + Keracrete Powder are CE marked, as declared in ITT certificates n° 25040267/Gi (TUM) and n° 25080247/Gi (TUM) issued by the Technische Universität München laboratory (Germany)



Adesilex P9



High performance cementitious adhesive with no vertical slip and extended open time for ceramic tiles.

Applications:

Interior and exterior floor and wall bonding of all types of ceramic tiles and mosaics on conventional walls with cementitious renders, cementitious screeds, anhydrite screeds and gypsum walls (specifically primed beforehand), painted interior walls, as long as the paint is well anchored, existing terrazzo or marble floors (maximum size 900 cm²) suitably cured concrete structures. Bonding all types of ceramic and mosaic tiles (max. size of tiles 300 cm² and stable substrates) in pools and basins.

Technical data:

Pot life: over 8 hours.

Open time: 30 minutes.

Grouting:

- walls: 4-8 hours;

- floors: 24 hours.

Set to light foot traffic: approx. 24 hours.

Ready for use: approx. 14 days.

Colours: grey and white.

Application: notched trowel n. 4 or 5 or 6.
EMICODE: EC1 R - extremely low emission level.

Storage: 12 months.

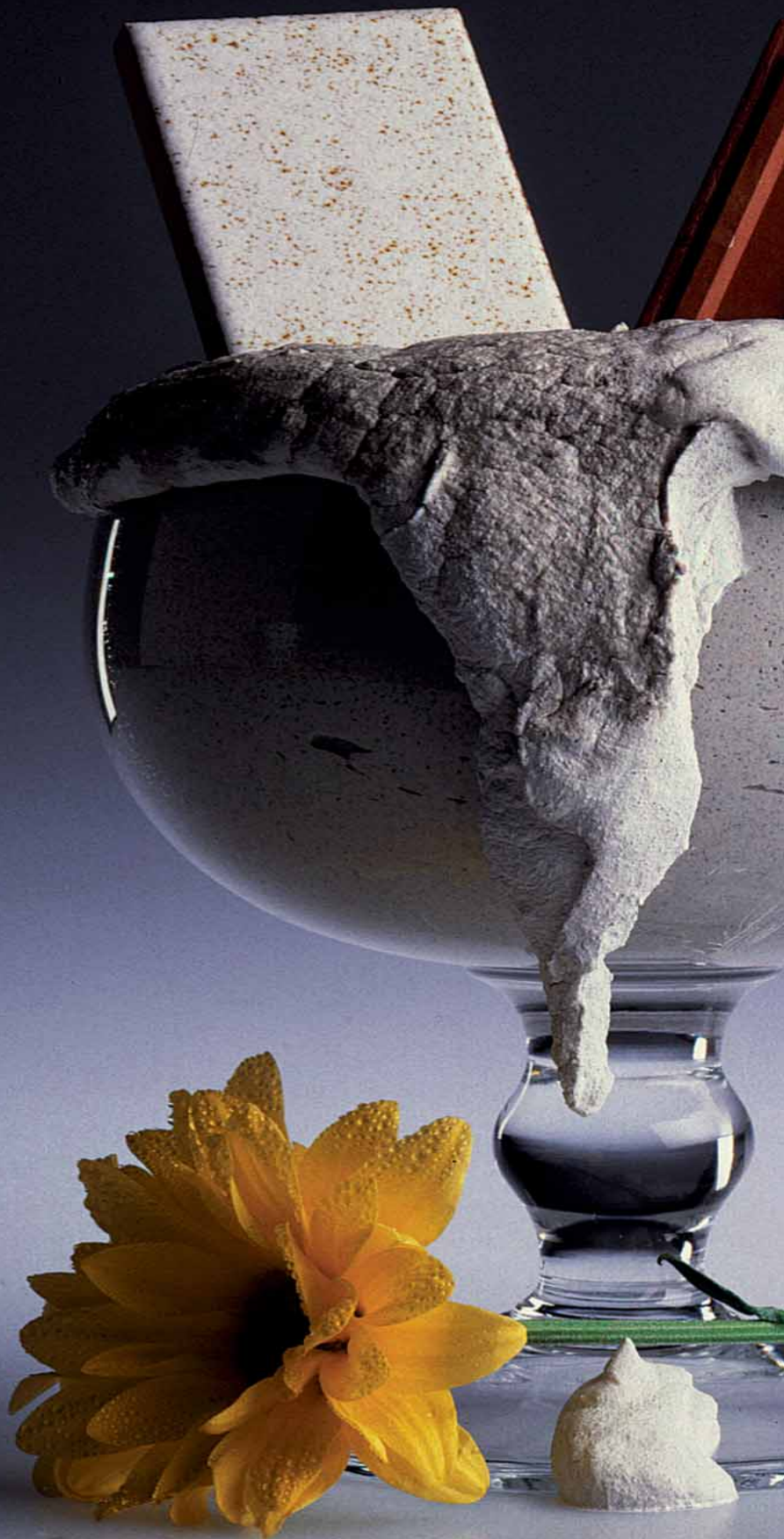
Consumption

2-5 kg/m².

Packaging

25 kg bags and 4x5 kg boxes.

Adesilex P9 is CE marked, as declared in ITT certificates n° 25050141/Gi (TUM) and n° 25080230/Gi (TUM) issued by the Technische Universität München laboratory (Germany)



Adesilex P10



White high performance cementitious adhesive with no vertical slip and extended open time for glass, ceramic and marble mosaic coverings.

Applications:

Interior and exterior floor, wall and swimming pool (mixed with **Isolastic** diluted 1:1 with water) bonding of glass, ceramic and marble mosaics on paper or netting on conventional walls with cementitious renders, cementitious screeds, anhydrite screeds and gypsum walls (specifically primed beforehand), interior walls in foamed concrete blocks, gypsum board, underfloor heating systems, suitably cured concrete structures, painted interior walls, as long as the paint is well anchored. When mixing **Adesilex P10** with **Isolastic** as a 50% substitute for water, the performance characteristics and deformability improve, satisfying **class S1** (deformable adhesive) according to EN 12004. Mixed this way, **Adesilex P10** can be used for installations in swimming pools, on flexible and non porous substrates such as **Mapelastic**, **Mapelastic Smart**, **Monolastic**, **Monolastic Ultra**, **Mapegum WPS**, etc. and on existing ceramic coverings.

Technical data:

Pot life: over 8 hours.

Open time: 30 minutes.

Grouting:

- walls: 4-8 hours;

- floors: 24 hours.

Set to light foot traffic: approx. 24 hours.

Ready for use: approx. 14 days.

Colour: white.

Application: notched trowel n. 4 or 5 or 6.

EMICODE: EC1 R - extremely low emission level.

Storage: 12 months.

Consumption

2-5 kg/m².

Packaging

25 kg bags.

Adesilex P10 is CE marked, as declared in ITT certificate n° 25080061/Gi (TUM) issued by the Technische Universität München laboratory (Germany)



Keraflex Easy



Easy to apply, high performance cementitious adhesive with extended open time, for ceramic tiles and stone material, especially those that require back-buttering. Very low emission level of volatile organic compounds. Particularly suitable for laying large-sized porcelain tiles on sizeable floor areas, at a thickness of up to 10 mm.

Applications:

Bonding ceramic tiles (single-fired, twin-fired, porcelain, terracotta, klinker, etc.), stable stone material which is not sensitive to staining, and all types of mosaic, internally and externally, on walls and floors. It may be used on all common building substrates on **Mapelastic, Mapelastic Smart, Monolastic, Monolastic Ultra, Mapegum WPS**, heated screeds and old ceramic and natural stone floors, as long as they have been carefully cleaned and are well-bonded to the substrate (maximum tile size 600 cm²). Specifically recommended for sizeable floor areas and large tile sizes without the need for double-buttering, it is therefore particularly suitable for commercial, industrial and civil floors. Maximum application thickness 10 mm.

Technical data:

Pot life of mix: more than 8 hours.

Open time: > 30 minutes.

Grouting:

– on walls: after 4-8 hours;

– on floors: after 24 hours.

Set to light foot traffic: approximately after 24 hours.

Ready for use: approximately 14 days.

Colours: white and grey.

Application: n° 4, 5, 6 or 10 notched trowel.

EMICODE: EC1 R - extremely low emission level.

Storage: 12 months.

Consumption

2-5 kg/m².

Packaging

25 kg bags.

Keraflex Easy is CE marked, as declared in ITT certificate n° 25080254/Gi (TUM) issued by the Technische Universität München laboratory (Germany)



Keraflex



High performance cementitious adhesive, with no vertical slip and extended open time for ceramic tiles and stone material.

Applications:

Interior and exterior floor and wall bonding of all types of ceramic tiles and ceramic mosaics, stone material (as long as moisture stable) on conventional walls with cementitious renders, cementitious screeds, anhydrite screeds and gypsum walls (as long as primed beforehand), interior walls in foamed concrete blocks, gypsum board, underfloor heating systems, painted interior walls, as long as the paint is well anchored, existing marble, terrazzo and ceramic tile floors (maximum size of tiles 1600 cm²), substrates waterproofed with **Mapelastic, Mapelastic Smart, Monolastic, Monolastic Ultra** or **Mapegum WPS**, on suitably cured concrete structures. Bonding in basins and swimming pools of all types of ceramic tiles and ceramic mosaics (maximum size of tiles 400 cm² and stable substrates).

N.B. Suitable for the installation of floors subject to strong stress.

Technical data:

Pot life: over 8 hours.

Open time: 30 minutes.

Grouting:

– walls: 4-6 hours;

– floors: 24 hours.

Set to light foot traffic: approx. 24 hours.

Ready for use: approx. 14 days.

Colours: grey and white.

Application: notched trowel n. 4 or 5 or 6.

EMICODE: EC1 R - extremely low emission level.

Storage: 12 months.

Consumption

2-5 kg/m².

Packaging

25 kg bags, 4x5 kg boxes.

Keraflex is CE marked, as declared in ITT certificates n° 25040476/Gi (TUM) and n° 25080239/Gi (TUM) issued by the Technische Universität München laboratory (Germany)



MULTI-FUNCTION CENTRE TESCO - Olomuc - Czech Republic
Products used: KERAFLEX MAXI, ULTRACOLOR PLUS





Keraflex Maxi S1



High performance, deformable cementitious adhesive with no vertical slip and extended open time with Low Dust technology for ceramic tiles and stone material: particularly suitable for the installation of large sized porcelain tiles and stone material (thickness of adhesive from 3 to 15 mm).

Applications:

Interior and exterior floor and wall bonding of all types of ceramic tiles and ceramic mosaics, stone material (as long as it is moisture stable) on conventional walls with cementitious renders, cementitious screeds, anhydrite screeds and gypsum walls (as long as they are primed beforehand), interior walls in foamed concrete blocks, gypsum board, underfloor heating systems, painted interior walls (as long as the paint is well anchored), existing marble, terrazzo and ceramic floors, substrates waterproofed with Mapelastac, Mapelastac Smart, Monolastic, Monolastic Ultra or Mapegum WPS and on suitably cured concrete structures. Particularly suitable for the installation of floors subject to heavy traffic and loads. The innovative **Low Dust** technology feature of this adhesive, result in a considerable reduction of powder emission during mixing making it easier and safer for the installer compared with standard MAPEI cementitious adhesives.

Technical data:

Pot life: over 8 hours.

Open time: > 30 minutes.

Grouting:

- walls: 4-8 hours;

- floors: 24 hours.

Set to light foot traffic: approx. 24 hours.

Ready for use: approx. 14 days.

Deformability according to EN 12004:

S1 - deformable.

Colours: grey and white.

Application: notched trowel n. 4 or 5 or 6 or 10.

Storage: 12 months.

Consumption

1.2 kg/m² per mm of thickness.

Packaging

- Keraflex Maxi S1 white: 23 kg bags.

- Keraflex Maxi S1 grey: 25 kg bags.

Keraflex Maxi S1 is CE marked, as declared in ITT certificates n° 25070387/Gi (TUM) and n° 25080246/Gi (TUM) issued by the Technische Universität München laboratory (Germany)



- **Extremely low dust release (-90%)**
- **The same high performance**





Ultralite S1



One component, lightweight, deformable high performance cementitious adhesive with Low Dust technology; easy to apply by trowel, no vertical slip, extended open time and extremely high yield, for ceramic tiles and stone material. Ideal for the installation of thin porcelain tiles.

Applications:

Bonding all types and shapes of ceramic tiles (double-fired, single-fired, porcelain, klinker, terracotta, etc.) and stable stone material which is not sensitive to damp, internally and externally, on all common building substrates. Moreover its slip-resistant properties make it suitable for fixing tiles diagonally on walls. Its high back-buttering capacities make it particularly suitable for the installation of thin porcelain tiles. It is also suitable for application on uneven substrates, flexible substrates and render of up to 15 mm without prior use of a smoothing compound.

The low density of **Ultralite S1** makes for easier handling and transportation, and improves its yield by 60% compared with standard MAPEI cementitious adhesives. **Ultralite S1** contains more than 30% recycled materials.

N.B. The innovative **Low Dust** technology which characterises this product results in a drastic reduction in the amount of dust emitted while mixing the product, making the work environment more comfortable and healthy for tilers compared with standard MAPEI cementitious adhesives.

Technical data:

Pot life of mix: more than 8 hours.

Open time: >30 minutes.

Grouting:

– on walls: after 4-8 hours;

– on floors: after 24 hours.

Set to light foot traffic: approximately after 24 hours.

Ready for use: approximately 14 days.

Deformability according to EN 12004:

S1 - deformable.

Colours available: grey.

Application: n° 4, 5, 6 or 10 notched trowel.

Storage: 12 months.

Consumption

1.5-2.5 kg/m².

Packaging

15 kg bags.

Ultralite S1 is CE marked, as declared in ITT certificate n° 25080237/GI (TUM) issued by the Technische Universität München laboratory (Germany)





Ultraflex S2 Mono



One component, easy to apply, highly deformable, high performance cementitious adhesive with no vertical slip, extended open time and extremely high yield for ceramic tiles and stone material.

Applications:

For bonding all sizes of ceramic tiles, mosaics, and stone material (if stable and non-absorbent) on traditional internal and external floors and walls with cementitious render, cementitious and anhydrite screeds, plaster walls (after application of suitable primer), internal cellular concrete walls, plasterboard, heated floors, painted internal walls (if paint is well bonded).

Ultraflex S2 Mono contains more than 20% recycled material.

N.B. Because it is highly deformable, it is particularly recommended for bonding on deformable substrates such as marine board, wooden agglomerates (if sufficiently stable in the presence of water) old wooden floors, etc., cementitious screeds which are not completely cured and for laying on façades, balconies, terraces and slab floors exposed to direct sunlight and subject to temperature gradients.

Ultraflex S2 Mono also helps in reducing the noise caused by footsteps up to a maximum of 9 dB.

Technical data:

Pot life of mix: more than 8 hours.
Open time: 30 minutes.

Grouting:
 - on walls: 4-8 hours;
 - on floors: 24 hours.

Set to light foot traffic: approx. 24 hours.
Ready for use: 14 days.

Deformability according to EN 12004:
 S2 - highly deformable.

Colour: grey.

Application: n. 4, 5, 6 or 10 notched trowel.
Storage: 12 months.

Consumption

0.9 kg/m² per mm of thickness, equivalent to 1.5-3 kg/m².

Packaging

15 kg bags.

Ultraflex S2 Mono is CE marked, as declared in ITT certificate n° 25050505/Gi (TUM) issued by the Technische Universität München laboratory (Germany)



Ultraflex S2 Quick



One component, highly deformable, high performance, rapid-setting and hydration cementitious adhesive, which is easy to apply by trowel with no vertical slip and extremely high yield, for ceramic tiles and stone material.

Applications:

For bonding all types and sizes of ceramic tiles, mosaics, and stone material which are not particularly sensitive to damp, on traditional internal and external floors and walls with cementitious render, cementitious and anhydrite screeds, plaster walls (after application of a suitable primer), internal cellular concrete walls, plasterboard, heated floors, painted internal walls (if the paint is well bonded), old marble, terrazzo and ceramic floors and waterproofing substrates with MAPEI waterproofing anti-fracture membrane.

Ultraflex S2 Quick contains more than 20% recycled material.

N.B. The high deformability of the product makes it particularly suitable for bonding on deformable substrates (marine board, wooden agglomerates which are sufficiently stable in the presence of water, old wooden floors, etc.), concrete, cementitious screeds which are not completely cured and for laying even large-sized ceramic tiles and stone material on facades, balconies, terraces, slabs floors, exposed to direct sunlight and temperature gradients. Suitable for applications on existing flooring during cold weather.

Thanks to its extraordinary bonding and quick drying characteristics, **Ultraflex S2 Quick** is particularly recommended for quick restructuring work where immediate installation is required (public buildings, transport cafes, supermarkets, airports and pedestrian areas). **Ultraflex S2 Quick** also helps in reducing the noise caused by footsteps.

Technical data:

Pot life of mix: 30 minutes.
Open time: 15-20 minutes.

Grouting:
 - on walls: after 2-3 hours;
 - on floors: after 5-6 hours.

Set to light foot traffic: 5-6 hours.
Ready for use: 24 hours.

Deformability according to EN 12004:
 S2 - highly deformable.

Colour: grey.

Application: n° 4, 5, 6 or 10 notched trowel.
Storage: 12 months.

Consumption

0.9 kg/m² per mm of thickness, equal to 1.5-3 kg/m².

Packaging

15 kg bags.

Ultraflex S2 Quick is CE marked, as declared in ITT certificate n° 25070199/Gi (TUM) issued by the Technische Universität München laboratory (Germany)



Adesilex P4



High performance rapid setting full contact cementitious adhesive for ceramic tiles and stone material.

Applications:

Interior and exterior floor bonding of all types of medium and large size ceramic tiles, stone material (as long as moisture stable) in environments subject to heavy traffic on: existing floors (ceramic tiles, natural stone, terrazzo tiles, concrete) as long as solid and perfectly clean, cementitious screeds and underfloor heating systems. Particularly suitable for large size tiles. Installation is sure and without the need of double backbuttering. **Adesilex P4** can be used as a smoothing compound in interiors and exteriors.

Technical data:

Applications: only on floors.
Pot life: over 60 minutes.
Open time: 20 minutes.
Grouting: 4 hours.
Set to light foot traffic: approx. 4 hours.
Ready for use: approx. 24 hours.
Colour: grey.
Application: notched trowel n. 6, 10 or rounded trowel.
EMICODE: EC1 R - extremely low emission level.
Storage: 12 months.

Consumption
 4-10 kg/m².

Packaging
 25 kg bags.

Adesilex P4 is CE marked, as declared in ITT certificate n° 25070275/Gi (TUM) issued by the Technische Universität München laboratory (Germany)



Planobond



High performance full contact cementitious adhesive with extended open time for ceramic tiles and stone material.

Applications:

Interior and exterior floor bonding of all types of medium and large size ceramic tiles, stone material (as long as moisture stable and not subject to efflorescence) in environments subject to heavy traffic on: existing floors (ceramic tiles, natural stone, terrazzo tiles, concrete) as long as solid and perfectly clean, cementitious screeds and underfloor heating systems. Particularly suitable for large size tiles. Installation is sure even at high temperatures where the use of rapid setting adhesives is difficult, without the need of double backbuttering.

Technical data:

Applications: only on floors.
Pot life: 8 hours.
Open time: 30 minutes.
Grouting: 24 hours.
Set to light foot traffic: approx. 24 hours.
Ready for use: approx. 14 days.
Colour: grey.
Application: notched trowel n. 6, 10 or rounded trowel.
EMICODE: EC1 R - extremely low emission level.
Storage: 12 months.

Consumption
 4-10 kg/m²

Packaging
 25 kg bags.

Planobond is CE marked, as declared in ITT certificate n° 54680104.101 (SFV) issued by the Säurefließner-Vereinigung e.V. Grossburgwedel laboratory (Germany)



Elastorapid



Highly deformable, high performance, fast setting and hydration two-component cementitious adhesive with extended open time and no vertical slip, for ceramic tiles and stone material.

Applications:

Particularly suitable for rapid installation of ceramic tiles and large size stone material slabs on exteriors (façades, balconies, terraces, stone pavements) and in swimming pools. Suitable for the installation of floors subject to heavy loads (for example industrial floorings, warehouses, supermarkets, etc.) and for bonding ceramic tiles on deformable substrates (plywood, wooden agglomerate as long as sufficiently stable to water, old wooden beam floors, etc.).

The pot life, longer than traditional fast setting adhesive, makes **Elastorapid** adhesive particularly suitable to be used in summer where immediate service is required.

Technical data:

Pot life: 60-75 minutes.

Open time: 30 minutes.

Grouting: 3 hours.

Set to light foot traffic: approx. 2-3 hours.

Ready for use: approx. 24 hours (3 days for basins and swimming pools).

Deformability according to EN 12004: S2 - highly deformable.

Colours: grey and white.

Application: notched trowel n. 4, 5, 6 or 10.

Storage: part A: 12 months; part B: 24 months. Protect from frost.

Consumption

3-8 kg/m².

Packaging

Elastorapid white: 31.25 kg kit
Part A: 25 kg / Part B: 6.25 kg

Elastorapid grey: 31.25 kg kit
Part A: 25 kg / Part B: 6.25 kg.

Elastorapid is CE marked, as declared in ITT certificates n° 25070277/Gi (TUM) and n° 25080024/Gi (TUM) issued by the Technische Universität München laboratory (Germany)



Elastorapid®

The unique

All in ONE

- Cementitious **C**
- High performances **2**
- Fast setting **F**
- No vertical slip **T**
- Extended open time **E**
- Highly deformable **S2**



Granirapid



High performance, deformable, fast setting and hydration two-component cementitious adhesive for ceramic tiles and stone material.

Applications:

Particularly suitable for the installation of stone material that is moderately unstable to moisture and requires a rapid drying of the adhesive. Suitable for bonding floors subject to heavy traffic. Because of its extraordinary bonding and fast-setting characteristics, **Granirapid** is particularly suitable for rapid re-tiling jobs and flooring that has to be in service within very short time (supermarkets, industries, hospitals, airports, swimming pools, etc).

Technical data:

Pot life: 45 minutes.
Open time: 20 minutes.
Grouting: 3 hours
Set to light foot traffic: 3-4 hours
Ready for use: approx. 24 hours (3 days for basins and swimming pools).
Deformability according to EN 12004: S1 - deformable.
Colours: grey and white.
Application: notched trowel n. 4, 5, 6 or 10.
EMICODE: EC1 R - extremely low emission level.
Storage: part A: 12 months. part B: 24 months. Protect from frost.

Consumption

3-8 kg/m².

Packaging

Granirapid white: 28 kg kit; part A: 22.5 kg bag; part B: 5.5 kg drum.
Granirapid grey: 30.5 kg kit; part A: 25 kg bag; part B: 5.5 kg drum.

Granirapid is CE marked, as declared in ITT certificates n° 85330201.101 (SFV) issued by the Säurefließner-Vereinigung e.V. Grossburgwedel laboratory (Germany) and n° 25070279/Gi (TUM), n° 25080057/Gi (TUM) and n° 25080060/Gi (TUM) issued by the Technische Universität München laboratory (Germany)





Keraquick



High performance, deformable, rapid setting cementitious adhesive with no vertical slip for ceramic tiles and stone material.

Applications:

Interior and exterior floor and wall bonding of all types of medium and large size ceramic tiles, stone material subject to staining (as long as moisture stable) in environments where rapid use is needed over: existing floors (ceramic tiles, natural stone, terrazzo tiles, concrete) as long as solid and perfectly clean, cementitious screeds and underfloor heating systems, gypsum board, concrete structures and precast concrete panels as long as suitably cured, fibre-cement and wood panels, substrates waterproofed with **Mapelastic**, **Mapelastic Smart**, **Monolastic**, **Monolastic Ultra**, **Mapegum WPS**, etc.

N.B. Particularly suitable for repairs in areas subject to heavy traffic and when surfaces need to be in service rapidly, such as public premises, pedestrian passages, supermarkets, showrooms; suitable for rapid installations or repairs in swimming pools, industrial plants (breweries, wine-cellars, dairies, etc.), refrigeration units and rapid repair work in bathrooms, showers, kitchens, terraces. By mixing **Keraquick** with **Latex Plus** in complete substitution of water, the deformability improves to meet the requirements of **class S2** (highly deformable adhesive), according to EN 12004.

Technical data:

Pot life: 30 minutes.
Open time: 20 minutes.
Grouting: 2-3 hours
Set to light foot traffic: approx. 2-3 hours.
Ready for use: approx. 24 hours.
 (3 days for basins and swimming pools).
Deformability according to EN 12004:
 S1 - deformable.
 Colours: grey and white.
Application: notched trowel n. 4, 5, 6 or 10.
EMICODE: EC1 - extremely low emission level.
Storage: 12 months.

Consumption
 2-5 kg/m².

Packaging
 25 kg bags, 4x5 kg boxes.

Keraquick is CE marked, as declared in ITT certificates n° 25070276/Gi (TUM), n° 25080059/Gi (TUM) and n° 25080063/Gi (TUM) issued by the Technische Universität München laboratory (Germany)



RHEINRÜHR AIRPORT - Düsseldorf - Germany
 Products used: ADESILEX P4, MAPETEX SYSTEM,
 KERAQUICK+LATEX PLUS, KERACOLOR FF

Latex Plus



Latex admixture inducing elasticity to be mixed with Keraquick.

Applications:

Latex Plus is an admixture to be mixed with **Keraquick**. It improves deformability to meet the requirements of **class S2** (highly deformable adhesive), according to EN 12004. A highly deformable, high performance, fast setting adhesive with no vertical slip is obtained, suitable for interior and exterior installations of ceramic tiles, stone material, insulation panels, gypsum boards, etc. **Latex Plus** must be used in complete substitution of batching water. Particularly suitable for rapid installation of ceramic tiles and large size stone material slabs (façades, balconies, terraces, etc.), in swimming pools and on deformable substrates.

Technical data:

Latex Plus + Keraquick
Pot life: 30 minutes.
Open time: 20 minutes.
Grouting: 2-3 hours.
Set to light foot traffic: approx. 2-3 hours.
Ready for use: approx. 24 hours
 (3 days for basins and swimming pools).
Deformability according to EN 12004:
 S2 - highly deformable.
Application: notched trowel n. 4, 5, 6 or 10.
Storage (Latex Plus): 24 months.
 Protect from frost.

Consumption
 0.7-1.3 kg/m².

Packaging
 10 kg drums.

Keraquick + Latex Plus is CE marked, as declared in ITT certificate n° 25080065/Gi (TUM) issued by the Technische Universität München laboratory (Germany).



Synthetic resin-based adhesives

Adesilex P22



Ready-to-use paste adhesive with no vertical slip and extended open time for ceramic tiles.

Applications:

Interior bonding of all types of ceramic tiles (double-fired, single-fired, porcelain tiles, etc.) on all types of conventional substrates but also on concrete structures, precast concrete panels cured at least 1 month, fibre-cement, gypsum plaster and wooden panels as long as sufficiently constrained and for spot bonding of insulation materials. Especially suitable for installing on gypsum surfaces and flexible substrates. Ideal for DIY.

N.B. Do not use in continuous water immersion and on substrates subject to rising damp.

Technical data:

Applications: only on walls.

Open time: 30 minutes.

Grouting: 24 hours.

Ready for use: 7-14 days.

Deformability: highly deformable.

Colour: white.

Application: notched trowel n. 4 or 5.

Storage: 24 months. Protect from frost.

Consumption

1.5-2.5 kg/m².

Packaging

25-12-5 and 12x1 kg drums.

Adesilex P22 is CE marked, as declared in ITT certificate n° 25040268/Gi (TUM) issued by the Technische Universität München laboratory (Germany)



Adesilex P25



Ready-to-use paste adhesive with no vertical slip and extended open time for ceramic tiles.

Applications:

Interior bonding and of all types of ceramic tiles (double-fired, single-fired, porcelain tiles, etc.) on all types of conventional substrates but also on concrete structures, precast concrete panels cured at least 1 month, fibre-cement, gypsum plaster, wooden panels, etc. as long as sufficiently constrained and with slight deformations. Especially suitable for installing on gypsum surfaces.

N.B. Do not use in continuous water immersion and on substrates subject to rising damp.

Technical data:

Applications: only on walls.

Open time: 30 minutes.

Grouting: 24 hours.

Ready for use: 7-14 days.

Deformability: highly deformable.

Colour: white.

Application: notched trowel n. 4 or 5.

Storage: 24 months. Protect from frost.

Consumption

1.5-2.5 kg/m².

Packaging

25-12-5 kg drums.

Adesilex P25 is CE marked, as declared in ITT certificate n° LR-04-085 (CSTB) issued by the Centre Scientifique et Technique du Bâtiment, Champs sur Marne laboratory (France)





BIRMINGHAM MAILBOX -
 Birmingham - England
 Products used:
 ADESILEX P25, MAPESIL AC,
 ULTRACOLOR

P.I.O.G - Ossendrecht - Netherlands
 Products used: MAPEBAND, MAPEGUM WP, ULTRAMASTIC III, KERACOLOR FF



Ultramastic 2



High performance, ready-to-use paste adhesive with no vertical slip for ceramic tiles.

Applications:

Bonding all types of tiles (single-fired, double-fired, porcelain, etc.) on interior floors and exterior walls on all types of traditional substrates:

- concrete structures and pre-fabricated concrete panels cured for at least one month;
- cement-fibre, plasterboard and wood panels, if well anchored.

Also suitable for spot-bonding insulating material.

N.B. Do not use on surfaces subject to continuous immersion, or on substrates subject to rising damp.

Technical data:

Open time: 20 minutes.

Adjustment time: up to 30-35 minutes, according to the absorption of the substrate, the type of tiles used and the surrounding conditions.

Grouting: after 12-24 hours.

Set to light foot traffic: approximately 2 days.

Ready for use: approximately 7 days.

Deformability: highly deformable.

Colour: white.

Application: n° 4, 5 or 6 notched trowel.

Storage: 24 months. Protect from frost.

Consumption

1.5-2.5 kg/m² on walls;
 3-4 kg/m² on floors.

Packaging

5, 12 and 16 kg drums.

Ultramastic 2 is CE marked, as declared in ITT certificate n° 25070251/Gi (TUM) issued by the Technische Universität München laboratory (Germany)



Ultramastic III



High performance ready-to-use paste adhesive with no vertical slip and extended open time, for ceramic tiles.

Applications:

Interior floor and wall bonding and exterior wall bonding of all types of ceramic tiles (double-fired, single-fired, porcelain tiles, etc.) on all types of conventional substrates:

- concrete structures, precast concrete panels (cured at least 1 month);
- fibre-cement, gypsum plaster and wooden panels as long as sufficiently constrained.

Furthermore, **Ultramastic III** is used for spot bonding insulation material.

N.B. Do not use in continuous immersion in water and on substrate subject to rising damp.

Technical data:

Open time: 30 minutes.

Workability time: up to 35-40 minutes, depending on the absorption of the tile substrate and environmental conditions.

Grouting: 12-24 hours.

Set to light foot traffic: approx. 2 days.

Ready for use: approx. 7 days.

Deformability: highly deformable.

Colour: white.

Application: notched trowel n. 4, 5 or 6.

Storage: 24 months. Protect from frost.

Consumption

for walls: 1.5-2.5 kg/m²;
for floors: 3-4 kg/m².

Packaging

16-12-5 and 1 kg drums.

Ultramastic III is CE marked, as declared in ITT certificate n° 25040266/Gi (TUM) issued by the Technische Universität München laboratory (Germany)



Ultramastic 5



High performance, ready-to-use paste adhesive with long adjustment time, no vertical slip and extended open time, for ceramic tiles. Ideal for absorbent substrates.

Applications:

Bonding all types of tiles (single-fired, double-fired, porcelain, etc.) on interior floors and exterior walls on all types of traditional substrates:

- concrete structures and pre-fabricated concrete panels cured for at least one month.

Particularly suitable for the installation on particularly absorbent substrates, such as:

- walls made using cellular concrete;
- cement-fibre, plasterboard and wood panels, if well anchored.

Also suitable for spot-bonding insulating material.

N.B. Do not use on surfaces subject to continuous immersion, or on substrates subject to rising damp.

Technical data:

Open time: > 30 minutes.

Adjustment time: up to 50 minutes, according to the absorption of the substrate, the type of tiles used and the surrounding conditions.

Grouting: after 12-24 hours.

Set to light foot traffic: approximately 2 days.

Ready for use: approximately 7 days.

Deformability: highly deformable.

Colour: white.

Application: n° 4, 5 or 6 notched trowel.

Storage: 24 months. Protect from frost.

Consumption

1.5-2.5 kg/m² on walls;
3-4 kg/m² on floors.

Packaging

5 and 16 kg drums.

Ultramastic 5 is CE marked, as declared in ITT certificate n° 25080253/Gi (TUM) issued by the Technische Universität München laboratory (Germany)





Fix & Grout Brick



High performance, ready-to-use adhesive paste, for bonding brick slips and lightweight cementitious and synthetic resin conglomerate decorative elements.

Applications:

Ready-to-use adhesive paste, interior and exterior bonding and grouting of brick slips and both large and small-sized lightweight cementitious and resin conglomerate decorative elements on all types of traditional substrates:

- cured concrete structures and pre-fabricated concrete panels and render;
- cement-fibre, plasterboard and wood panels, if well anchored.

While penetrating into the joints, finish off with a damp brush within 20 minutes. It works as a grout as well.

N.B. Do not use on surfaces subject to continuous immersion, or on substrates subject to rising damp.

Technical data:

Open time: 20 minutes.

Adjustment time: 30-35 minutes.

Grouting: finishing off using a brush dampened with the adhesive to fill in the joints within 20 minutes (depending on the surrounding conditions).

Colours: white, grey or beige.

Application: n° 6, 8, or 10 notched trowel.

Storage: 24 months.

Consumption

1.4-4.2 kg/m².

Packaging

12 and 5 kg drums.



Keralastic / Keralastic T



High performance two-component polyurethane adhesives for ceramic tiles and stone material.

Applications:

Keralastic is an improved reaction resin adhesive (R2). Interior and exterior floor and wall bonding of ceramic tiles, natural stone and agglomerates, mosaic on all types of substrates normally used in building. Particularly suitable for metal, wood, fibrecement, rubber, PVC and linoleum surfaces. Absolutely necessary for bonding natural stone and agglomerates (all types of marbles, Verde Alpi, slate,...) also subject to movement and size variation due to the absorption of water (class C of dimensional stability according to MAPEI standards). Applied in a continuous layer, they create a perfect waterproof surface on which ceramic tiles can be applied with the same product. Suitable for surfaces subject to accidental contact with water (for example wooden kitchen work surfaces).

Keralastic T (R2T) is the thixotropic version of **Keralastic** and is particularly suitable for vertical applications.

Technical data:

Open time: 50 minutes.

Grouting: 12 hours.

Set to light foot traffic: approx. 12 hours.

Ready for use: approx. 7 days.

Deformability: highly deformable.

Colours: grey and white.

Application: notched trowel n. 4 or 5.

Storage: 24 months.

Consumption

2.5-5 kg/m².

Packaging

5 and 10 kg units

(A:B = 94:6 parts by weight).

Keralastic + Keralastic T are CE marked as declared in ITT certificates n° 25040320/Gi (TUM) and n° 25040471/Gi (TUM) respectively, issued by the Technische Universität München laboratory (Germany).



GOLDEN PRINCESS
Monfalcone - Italy
Products used: KERALASTIC,
KERALASTIC T