Cementitious adhesives for installing ceramic tiles and natural stone
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Class C2 ADHESIVES

Normal setting
- Kerabond Plus
- Adesilex P9
- Adesilex P10
- Keraflex
- Ultralite Flex

Rapid setting
- Adesilex P4

Class S1 ADHESIVES

Normal setting
- Keraflex Easy S1
- Keraflex Maxi S1 Zero
- Keraflex Maxi S1
- Ultralite S1

Rapid setting
- Granirapid
- Keraquick S1
- Ultralite S1 Quick

Class S2 ADHESIVES

Normal setting
- Ultralite S2
- Kerabond + Isolastic
- Kerabond Plus + Isolastic

Rapid setting
- Ultralite S2 Quick
- Elastorapid
- Keraquick S1 + Latex Plus

The figures indicated are for reference purposes only. For further information consult the specific Technical Data Sheet for each product, available on our website www.mapei.com
High-performance cementitious adhesive with extended open time for ceramic tiles and natural stone.

- Classified C2E according to EN 12004 and ISO 13007-1 standards.
- Very low emission level of volatile organic compounds, classified EMICODE EC1 R Plus by GEV.
- For bonding all types of ceramic tiles and natural stone not sensitive to moisture.
- Recommended for bonding medium size ceramic and natural stone tiles.
- By mixing Kerabond Plus with Isolastic instead of water, its characteristics are improved to such a degree that it meets the requirements of class C2ES2 adhesive (high performance, highly deformable cementitious adhesive with extended open time) according to EN 12004 and ISO 13007-1 standards.
Adesilex P9

High-performance non-slip cementitious adhesive with extended open time for ceramic tiles and natural stone.

- Classified C2TE according to EN 12004 and ISO 13007-1 standards.
- Very low emission level of volatile organic compounds, classified EMICODE EC1 R Plus by GEV.
- Excellent workability.
- Recommended for overlaying existing flooring and bonding on heated cementitious substrates.

N.B. the white version has very high white balance.
High-performance, non-slip white cementitious adhesive with extended open time for glass mosaics, ceramic tiles and marble.

- Classified C2TE according to EN 12004 and ISO 13007-1 standards.
- Very low emission level of volatile organic compounds, classified EMICODE EC1 R Plus by GEV.
- Recommended for bonding glass mosaics.
- With a special white balance that exalts and highlights the tones of coloured glass mosaics.
- By mixing Adesilex P10 with Isolastic instead of water, its characteristics are improved to such a degree that it meets the requirements of class C2ES1 adhesive (high performance, deformable cementitious adhesive with extended open time) according to EN 12004 and ISO 13007-1 standards.
High-performance non-slip cementitious adhesive with extended open time for ceramic tiles and natural stone.

- Classified C2TE according to EN 12004 and ISO 13007-1 standards.
- Very low emission level of volatile organic compounds, classified EMICODE EC1 R Plus by GEV.
- Excellent workability.
- Recommended for bonding medium/large size ceramic and natural stone tiles, including by overlaying, on heated substrates, deformable substrates such as plasterboard, cement-fibre panels and waterproofing membranes from the Mapelastic and Mapegum WPS range.
One-component, high-performance, non-slip, lightweight cementitious adhesive with moderate deformability and extended open time for ceramic tiles, natural stone and slim porcelain tiles.

- Classified C2TE according to EN 12004 and ISO 13007-1 standards.
- Very low emission level of volatile organic compounds, classified EMICODE EC1 R Plus by GEV.
- Thanks to Low Dust technology the formation of dust during mixing is drastically reduced.
- Easier to handle and apply, less tiring for tilers.
- Excellent wetting of the back of tiles.
- Up to 55% higher yield compared with other adhesives with the same classification.
- Contains more than 20% of recycled materials.
- High white balance.
- The adhesive recommended for routine work and for bonding all types of tile.
Adesilex P4

High-performance, self-buttering, rapid-setting grey cementitious adhesive for ceramic tiles and natural stone.

- Classified C2F according to EN 12004 and ISO 13007-1 standards.
- Very low emission level of volatile organic compounds, classified EMICODE EC1 R Plus by GEV.
- May also be used for smoothing and levelling internal and external surfaces.
- Smoothing and levelling in layers from 3 to 20 mm thick.
For tiles with lots of *Class*...

use **Class S1** and **S2**
Don’t risk it; certified adhesives.

Mapei offers a vast range of Class S1 and S2 certified adhesives for all your project needs. Amongst the adhesives that meet the requirements for Class S1 and S2, certified according to EN 12004 standards, Mapei suggests Keraflex Maxi S1 Ultra Bianco, Keraflex Maxi S1 Zero, Ultralite S1, and Ultralite S2. And also: Ultralite S1 Quick, Ultralite S2 Quick, Keraquick S1, Granirapid and Elastorapid. Don’t risk it; choose the most suitable adhesive for tiles with lots of class.
Easy-to-apply, high-performance, deformable cementitious adhesive with extended open time and high wetting capacity for ceramic tiles and natural stone.

- Classified C2ES1 according to EN 12004 and ISO 13007-1 standards.
- Very low emission level of volatile organic compounds, classified EMICODE EC1 R Plus by GEV.
- Specific for large areas and large size tiles, making it particularly suitable for floors in commercial, industrial and civil areas.
High-performance, non-slip, highly-deformable, grey cementitious adhesive with extended open time, specific for large size ceramic tiles and natural stone.

- Classified C2TES1 according to EN 12004 and ISO 13007-1 standards.
- Easy to spread.
- Highly thixotropic.
- May be applied in thick layers, including on heavy tiles, without slipping.
- Thanks to Low Dust technology the formation of dust during mixing is drastically reduced.
- Very low emission level of volatile organic compounds, classified EMICODE EC1 R Plus by GEV.
- The first adhesive with zero climate-change effect: residual greenhouse gas emissions, impossible to eliminate from a technical point of view, have been eliminated through certified offsetting.
- For interior and exterior use in layers up to 15 mm thick.
High-performance, non-slip, deformable, white cementitious adhesive with extended open time for ceramic tiles and natural stone.

- Classified C2TES1 according to EN 12004 and ISO 13007-1 standards.
- High white balance.
- Excellent workability.
- Highly thixotropic.
- May be applied in thick layers, including on heavy tiles, without slipping.
- Thanks to Low Dust technology the formation of dust during mixing is drastically reduced.
- Very low emission level of volatile organic compounds, classified EMICODE EC1 R Plus by GEV.
- For interior and exterior use in layers up to 15 mm thick.
One-component, high-performance, non-slip, deformable, lightweight cementitious adhesive with extended open time for ceramic tiles, natural stone and slim porcelain tiles.

- Classified C2TES1 according to EN 12004 and ISO 13007-1 standards.
- Thanks to Low Dust technology the formation of dust during mixing is drastically reduced.
- Very low emission level of volatile organic compounds, classified EMICODE EC1 R Plus by GEV.
- Easier to handle and apply, less tiring for tilers.
- Excellent wetting of the back of tiles.
- Up to 60% higher yield compared with other adhesives with the same classification.
- Contains more than 20% of recycled materials.
- Suitable for bonding glass mosaics in swimming pools.
RAPID-SETTING adhesives

Two-component, high-performance, deformable, rapid-setting and hydrating cementitious adhesive for ceramic tiles and natural stone.

• Classified C2FS1 according to EN 12004 and ISO 13007-1 standards.
• Very low emission level of volatile organic compounds, classified EMICODE EC1 R Plus by GEV.
• Suitable for bonding on internal and external surfaces in areas exposed to heavy traffic.
• Recommended for quick repair work and for areas that need to be ready for use as soon as possible (supermarkets, industry, hospitals, airports…).
• Rapid bonding of large size tiles, including overlaying on existing ceramic floors and heated substrates.
• The ideal solution for natural stone sensitive to moisture and agglomerates.
High-performance, rapid-setting, deformable, non-slip cementitious adhesive for ceramic tiles and natural stone.

- Classified C2FTS1 according to EN 12004 and ISO 13007-1 standards.
- Very low emission level of volatile organic compounds, classified EMICODE EC1 R Plus by GEV.
- Suitable for repairing floors in areas exposed to intense traffic or that need to be ready for use quickly.
- Rapid bonding of medium size tiles, including by overlaying.
- Ideal for natural stone.
- By mixing Keraquick S1 with Latex Plus its deformability properties are improved to such a degree that it meets the requirements of class C2FS2 adhesive (high performance, rapid, highly deformable cementitious adhesive) according to EN 12004 and ISO 13007-1 standards.
Ultralite S1 Quick

One-component, high-performance, rapid-setting and hydrating, non-slip, deformable, lightweight cementitious adhesive for ceramic tiles, natural stone and thin porcelain tiles.

- Classified C2FTS1 according to EN 12004 and ISO 13007-1 standards.
- Easier to handle and apply, less tiring for tilers.
- Excellent wetting of the back of tiles.
- Up to 60% higher yield compared with other adhesives with the same classification.
- Contains more than 20% of recycled materials.
- Ideal for laying tiles in areas that need to be ready for use quickly or for laying in cold weather.
- Specific for bonding thin porcelain tiles, particularly on non-absorbent substrates.
One-component, high-performance, highly deformable, lightweight cementitious adhesive with extended open time for ceramic tiles, natural stone and thin porcelain tiles.

- Classified C2ES2 according to EN 12004 and ISO 13007-1 standards.
- Very low emission level of volatile organic compounds, classified EMICODE EC1 R Plus by GEV.
- Easier to handle and apply, less tiring for tilers.
- Excellent wetting of the back of tiles.
- Contains more than 20% of recycled materials.
- 80% higher yield compared with two-component adhesives with the same classification.
- No need to add latex, just mix with water.
- Ideal for the tiled thermal insulation system Mapetherm Tile System.
Latex additive mixed with KERABOND, KERABOND PLUS and ADESILEX P10.

- **Kerabond** and **Kerabond Plus** mixed with **Isolastic** are transformed into high-performance, highly deformable adhesives with extended open time (C2E/S2).

- **Adesilex P10** mixed with **Isolastic** (diluted 1:1 with water) is transformed into a high-performance, highly deformable adhesive with extended open time (C2E/S1).
UltraLite S2 Quick

One-component, high-performance, highly-deformable, lightweight, rapid-setting and hydrating cementitious adhesive with extended open time for ceramic tiles and natural stone; ideal for laying thin porcelain tiles.

- Classified C2FES2 according to EN 12004 and ISO 13007-1 standards.
- Very low emission level of volatile organic compounds, classified EMICODE EC1 R Plus by GEV.
- Easier to handle and apply, less tiring for tilers.
- Excellent wetting of the back of tiles.
- Contains more than 20% of recycled materials.
- 80% higher yield compared with two-component adhesives with the same classification.
- No need to add latex, just mix with water.
- Ideal for the tiled thermal insulation system Mapetherm Tile System.
- Recommended for overlaying with large size porcelain tiles.
Elastorapid

Two-component, high-performance, highly-deformable, rapid-setting and hydrating, non-slip cementitious adhesive with extended open time for ceramic tiles and natural stone.

• Classified C2FTES2 according to EN 12004 and ISO 13007-1 standards.

• Recommended for quick repair work in areas that need to be ready for use as soon as possible (public areas, supermarkets, airports…), including in hot weather.

• Laying ceramic and natural stone, including large sizes, on façades, balconies, terraces and paved roofs exposed to direct sunlight and temperature variations.

• Bonding tiles in areas exposed to high mechanical stress and vibrations (railway underpasses, underground railway platforms, etc.).

• Laying natural stone sensitive to staining.
Latex admixture mixed with KERAQUICK.

- Keraquick S1 mixed with Latex Plus is transformed into a high-performance, highly deformable, rapid-setting adhesive (C2F/S2).
**Technical documentation**

From the technical area menu you can view the technical documentation divided per product lines and type of document.