

SUPERCOVER

Vers. 01 del 07/2009

Self-wetting, semi-fast setting, one-component cementitious adhesive with very high polymer content, high mechanical performance and extended open time, grey in colour, for professional use. Suitable for fixing large-sized ceramic, porcelain and natural stone floor tiles, as long as moisture stable. Does not require double-spreading application method. Suitable for tile-on-tile applications as well as for tiling on heating screeds and in high-traffic, high-stress areas.

Classified as C2E adhesive (according to EN 12004).



FIELDS OF USE

- Fixing of large-sized, absorbent and non-absorbent stone tiles, as long as moisture stable, to indoor and outdoor floors and walls without double-spreading.
- Suitable for tile-on-tile applications on existing floors as well as for use on heating screeds and in heavy-traffic and high-stress areas.
- Use as a smoothing compound in layers of up to 15 mm thick.
- Suitable for use on all types of cementitious substrates and gauged mortar, existing ceramic floors and substrates waterproofed with our **KEDILASTIC** or **ISOLFLEX** range.
- Applications on gypsum surfaces or anhydrite screeds, provided the surface is primed with **APPREX G** at least 6 hours before tiling.

NATURE OF THE PRODUCT

SUPERCOVER consists mainly of a blend of cements, mineral fillers and specific additives.

MIXING

Mix the powder with clean water until a homogeneous and lump-free mix is obtained. Allow to hydrate for 5 minutes and then stir again briefly. The product has the appearance of a semi-fluid paste and is easily applied with a trowel.

APPLICATION PROCEDURE

Apply a coat of **SUPERCOVER** onto the substrate with the straight edge of the trowel so as to ensure proper wetting of the substrate itself. Immediately afterwards, with a notched trowel apply the appropriate amount of adhesive to attain good wetting of the back of the tiles. Place the tiles on the adhesive bed but do not press them down into it. To ensure full coverage of the back of the tile, all you have to do is gently move the tiles by hand.

TECHNICAL DATA

PRODUCT IDENTIFICATION

Appearance	Powder
Colour	Grey
Bulk density	1.30 Kg/m ³
Solid residue	100%
Storage (in a dry place in its original packaging)	12 months
Customs Tariff Heading	3824 50 90

APPLICATION

	VALUE*	REQUIREMENT ^o	STANDARD
Mixing ratio	4.25 litres of water per 25 Kg powder (17±1%)		
Curing time	5 min.		
Pot life	60 min.		
Open time	30 min.	20 min.	EN 1346
Adjustability time	40 min.		
Application temperature range	+5°C to +30°C		
Walk-on time – Time before grouting floors	12 to 24 hrs		
Ready for use	72 hrs		

PERFORMANCE

	VALUE*	REQUIREMENT ^o	STANDARD
Initial tensile adhesion strength	2.1 N/mm ²	≥ 1.0 N/mm ²	EN 1348
Tensile adhesion strength after heat	2.2 N/mm ²	≥ 1.0 N/mm ²	EN 1348
Tensile adhesion strength after water immersion	1.2 N/mm ²	≥ 1.0 N/mm ²	EN 1348
Adhesion strength after freeze/thaw cycles	1.3 N/mm ²	≥ 1.0 N/mm ²	EN 1348
Compressive strength	21 N/mm ²		EN 196
Service temperature range (overlaid with covering)	-30°C to +90°C		

* Results obtained at +23°C Temperature; 50% Relative Humidity; Ventilation ≤ 2 m/sec.

^o Requirement according to EN 12004.



SUPERCOVER

TECHNICAL TIPS

- **SUPERCOVER** is suitable for all the applications described herein and does not require use of additional binders (such as cement, lime, gypsum and the like) or additives.
- This product gives the best results when applied to a smooth and planar substrate.
- Use the product only while at a plastic consistency. Once it begins to set, it becomes difficult to spread and you will need to prepare a fresh mix.
- Protect the coverings from rain or washing out for at least 24 hours and from direct sunlight and frost for at least one week.

COVERAGE

TROWEL	SUPERCOVER
10x10 mm	5.0 Kg/m ²
Ø 15 mm	7.0 Kg/m ²

SPECIFICATION

Fixing of ceramic or stone tiles to floors and walls by means of a one-component, full-bed cementitious adhesive with high polymer content and extended open time, which meets the requirements for Class C2E according to EN 12004, such as KEDIL's **SUPERCOVER**, which can be applied in thicknesses of up to 15 mm when used as a smoothing compound.

WARNINGS AND RECOMMENDATIONS



- Do not apply directly onto metal surfaces or on vinyl or resilient floors.
- Do not apply in ways or conditions other than those explicitly stated in this technical data sheet.

KEDIL recommends that you read the **Introductory Notes** that complete the information provided in this data sheet.

All technical information, data and suggestions for use contained in our technical data sheets, or given verbally or in writing, are based on our best experience.

However, since the jobsite conditions and final use of this product are beyond our control, all information is provided as a guide only and it shall not be binding, legally or in any other way, towards third parties. Therefore, it is recommended that the customer/user conduct their own tests to determine the behaviour of each product under the weather and application conditions at the jobsite.

Before using our products, to make sure that this technical data sheet is up-to-date and that it has not been superseded by a more recent edition, please download the latest version from our web site **www.kedil.eu**.