



SUPERBOND

NON-SLIP, HIGH-ADHESION, CEMENT-BASED ADHESIVE FOR APPLICATION OF CERAMIC TILES EVEN VERTICALLY AND WITH HEAVIER TILES ON INTERNAL AND EXTERNAL FLOORS AND LINING

GRANTS *LEED* CREDITS

CHARACTERISTICS	ENVIRONMENTAL	METHOD OF USE		PRECAUTIONS
ONE-COMPONENT	ECO GREEN	RECYCLABLE	MIX MECHANICALLY	STORAGE: IN A DRY PLACE
			APPLY BY TOOTHED SPATULA	

PROBLEM

AVOID VERTICAL SLIDING, EVEN WITH HEAVY TILES



When laying tiles that are heavier than normal on vertical applications, you need to use adhesives that are easy to work, have excellent resistance to slippage and secure final adhesion.

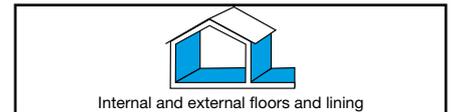
SOLUTION

SUPERBOND is a premixed powder adhesive made of cement, prime quartz sands, special powder resins that increase adhesion and resistance and additives that guarantee a high thixotropic and workability level so that rather heavy tiles do not slip.



APPLICATION FIELDS

SUPERBOND is used for bonding ceramic, clinker and porcelain stoneware tiles on any type of interior and exterior substrate normally used in the building trade, also for radiant floors. It is used universally on floors, walls and ceilings for thin-layer applications and also when overlaying existing tiles with formats less than 60 cm per side.



Internal and external floors and lining

ADVANTAGES

- Long open time for easier tiling.
- Excellent adhesion on most backgrounds.
- Excellent resistance to slippage.

METHOD OF USE

• SURFACE PREPARATION

The supports must be solid, level, free of loose or crumbling parts, powder or dust, oils, grease and dirt in general.

Plaster supports must be consistent, dry and treated with the primer ISOLFIX G before the application of **SUPERBOND**.

Use **SUPERBOND** with **ELASTOBOND** on prefabricated concrete or very smooth supports; walls or floors subject to high stress, tiles or large, non-absorbent natural stone slabs.

• MIX PREPARATION

SUPERBOND is prepared by mixing the product with right quantity clean water (see table). Pour the powder product into the water and mix with a drill on low speed until a uniform paste is obtained with no lumps (1).

Leave the paste to rest for 3 minutes and mix again. The mix stays in workable condition for about 6 hours depending on weather conditions.

• APPLICATION

SUPERBOND is applied using a rhomboidal or square toothed trowel based on the type of (See following)



CERTIFICATIONS



DIN



TVFA
tu Wien



Istituto
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TECHNICAL CHARACTERISTICS

		SUPERBOND	
	Standard	Powder	
		White	Grey
Appearance			
Colour			
Apparent density	EN 1015-6	1.30 ± 0.05 kg/L	1.30 ± 0.05 kg/L
Water ratio		28% ± 1% (7,0 L)	28% ± 1% (7,0 L)
Shelf life in original packaging (dry stored)		12 months	
Mix characteristics and workability			
Density of mix		1.60 ± 0.05 kg/L	
Mix pH		12-14	
Pot life (*)		approx 6 hours	
Application temperature		+5°C ÷ +35°C	
Open time (*)		30 minutes	
Adjustability time (*)		35 minutes	
Waiting time - before foot traffic use (*)		24 hours	
Waiting time - before grouting (*)		24 hours	
Performance characteristics	Standard	Minimum requirement	Product performance
Class and type	EN 12004		C2TE
Adhesion strength	EN 1348 P8.2	≥1.00 N/mm ²	1.80 N/mm ²
Adhesion strength - after immersion in water	EN 1348 P8.3	≥1.00 N/mm ²	1.40 N/mm ²
Adhesion strength - after heat	EN 1348 P8.4	≥1.00 N/mm ²	1.70 N/mm ²
Adhesion strength - after thaw-frost cycles	EN 1348 P8.5	≥1.00 N/mm ²	1.30 N/mm ²
Open time: adhesion strenght - after 30'	EN 1346	≥0.50 N/mm ²	0.60 N/mm ²
Sliding	EN 1308	≤0.5 mm	0 mm
Thermal resistance - Operating temperature			-30°C ÷ +90°C
Fire reaction	EN 13501-1		E CWFT P4.4.3
Hazardous substances	EN 12004		in accordance to ZA.1 note

Test conditions: temperature 23±2°C, 50±5% R.H. and air velocity in test area <0.2 m/s. These data may change depending on specific site conditions: temperature, ventilation, moisture and substrate absorbency. (*) The times indicated will be longer or shorter as the temperature drops or rises.

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Pursuant to European standard EN 12004:2007+A1:2012 - General principles for the use of products and systems.

(See previous)

tile involved. (2). In exterior applications, it is advisable to apply over the back of the tiles so that no cavities are left, which could be the possible cause for infiltrations and damages due to rainwater. When laying the tiles, press down on them sufficiently to make sure they come into full contact with the adhesive.

• COVERAGE

From 2 to 4 kg/m² depending on the size of the tiles. Spot laying: 1-2 kg/m².

• PRECAUTIONS

- Don't use on surfaces made of metal, rubber, vinyl floors, wood, linoleum or PVC.
- In case of marble or composite stones particularly sensitive to water, we suggest you to consult our technical office.
- If the back of the tiles are very dusty, it is recommended to clean them by dipping them quickly in water.
- In adverse weather conditions (high temperatures, wind) the normal open time may be shorter. Therefore you must make sure the adhesive has not formed a "skin"

before laying the tile, which would compromise adhesion. If a "skin" has formed on the surface, simply refresh the adhesive by crossing again with the toothed trowel without wetting.

- In high temperatures wetting the foundation helps to increase the open time.
- Never use with temperatures below +5°C and high than +35°C. Protect tiles from rain, frost and high temperature for 24 hours at least.
- In hot weather avoid laying the adhesive on large surface areas.
- Damp surfaces can slow the setting of the product.
- Do not use for overlaying existing flooring.
- Do not use the product in thicknesses of more than 6-7 mm.
- Clean the tools with water and the covered surfaces with a damp cloth immediately after use.
- Do not expose the material to direct sunlight in hot weather.

- Store the original closed packaging in a dry place.

PACKAGING

25-kg Sacks

• FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE • IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS •

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the numerous possible uses and the possible interference of conditions or elements beyond our control, we assume no responsibility regarding the results which are obtained. The purchasers, of their own accord and under their own responsibility, must establish the suitability of the product for the envisaged use.

The figures shown are average indicative figures relevant to current production and may be changed or updated by INDEX at any time without previous warning. The advice and technical information provided, is what results from our best knowledge regarding the properties and the use of the product. Considering