



FIELD OF USE FOR 5<sup>th</sup> DIVISION PRODUCTS

# FLOORBOND FLEX

**SUPER HIGH-ADHESION CEMENT ADHESIVE  
FOR LAYING LARGE CERAMIC TILES EVEN  
WITH HIGH ADHESIVE THICKNESS**

## PROBLEM

Laying large ceramic tiles on uneven surfaces where a thick layer of adhesive is needed to lay a level floor on an uneven surface requires an adhesive capable of withstanding high thicknesses to resolve these problems.

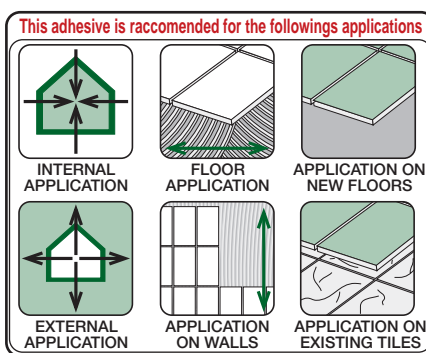


## DESCRIPTION

**FLOORBOND FLEX** is a pre-mixed powder adhesive made up of cement, selected quartz sands, powdered resins and special additives which give the product an optimal adhesive power on all normal cement substrates or on overlaps.

## FIELDS OF USE

**FLOORBOND FLEX** is particularly indicated for bonding clinker, porcelainized and single-fired gres in large formats, natural stone tiles and tiles with a high tolerance on the reverse side in interiors and exteriors. It is indicated for bonding tiles to uneven substrates with a difference in thickness, on smooth prefabricated concrete supports and on heated floors.



## COVERAGE

From 4 to 9 kg/m<sup>2</sup> depending on the planarity of the support and the type of tile.

## PRECAUTIONS

- Do not use **FLOORBOND FLEX** at temperatures lower than + 5°C and protect

the tiling from frost and high temperatures after laying.

- In the case of high temperatures, wet the substrate for longer pot life.
- If the reverse side of the tile is very powdery or highly absorbent, we recommend washing the tiles quickly in water.
- In adverse climatic conditions (high temperatures, wind) the normal pot life of 25 minutes may be drastically reduced.
- Clean tools with water and the tiled surface with a damp cloth.
- Store in a dry place.

## SAFETY REGULATIONS

- When mixing, protect the respiratory tract with an appropriate mask.
- Protect the hands and eyes with gloves and goggles.
- If the product comes into contact with the eyes, wash immediately with abundant water.

## METHOD OF USE

**FLOORBOND FLEX** can be applied on all traditional supports as long as they are flat, solid and free from loose parts, grease, oils and dirt in general. Plaster of Paris or calcium sulphate screeds must be previously treated with Isolfix G.

### • MIX PREPARATION

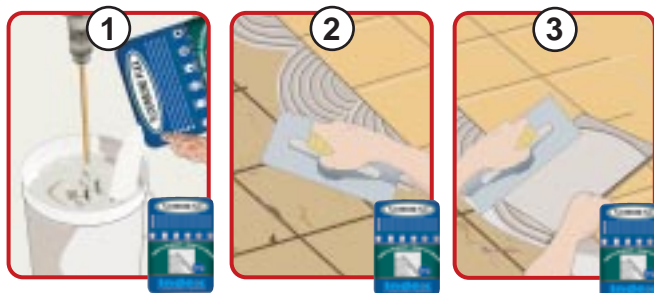
**FLOORBOND FLEX** is ready to use and should be mixed with roughly 25% clean water using a mechanical mixer until obtaining a homogeneous, lump-free paste (1). The mix is workable for roughly 6 hours depending on the weather conditions.

### • APPLICATION















**FLOORBOND FLEX** should be applied with a toothed spatula with 15 mm semicircular teeth (2). We recommend applying a

levelling layer with the smooth side of the spatula and then applying the layer with the toothed side straight afterwards. When applying outdoors we recommend applying the adhesive to the reverse side of the tile (3) too in order to fill in any cavities, which could cause possible infiltrations and damage due to rainwater during freezing and thawing cycles. The tiles should be applied using a pressure which is sufficient to guarantee the total contact of

the adhesive, bearing in mind the pot life of the product and therefore before it forms the surface "skin".










## TECHNICAL CHARACTERISTICS

	Appearance	powder
	Colour	grey
	Dry specific weight	1.45 kg/litre
	Specific weight of the mix	1.65 kg/litre
	Mix life	8 hours
	Application temperature	from +5°C to +40°C
	Pot life at 20°C	25 minutes
	Adjustment time	35 minutes
	Mix pH	12-14
	Tearing resistance after 28 days	2.2 N/mm <sup>2</sup>
	Resistant to floor traffic	after 24 hours
	Grouting	after 24 hours
	Thermal resistance	from -30°C to +90°C
	Storage in a dry place	12 months

Test conditions: temperature 23±2°C, 50±5% U.R. and speed in the air in the testing area <0,2 m/s.  
According to the european norm prEN12004 (tipo e classe C2TE)

ring 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.

						
ONE-COMPONENT	MIX MECHANICALLY	TO BE APPLIED BY TOOTHED SPATULA	MINIMUM APPLICATION TEMPERATURE	STORE IN DRY PLACES	RECYCLABLE	NON-DANGEROUS WASTE

### ADVANTAGES

- High workability.
- Highly adhesive.
- Makes it possible to bond large and natural stone tiles with a high tolerance on uneven substrates.

### PRODUCT



### PACKAGING

25 kg sacks.

The figures shown are average indicative figures relevant to current production and may be changed or updated by INDEX S.p.A. 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. Consider

• 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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Construction Systems and Products

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