

FM BOND 88



DESCRIPTION

Flexible cement-based adhesive mortar for laying ceramic tiles, porcelain, stonewear...etc.

CLASSIFICATION OF PRODUCT

FM BOND 88 is classified as C2TE S2 according to EN 12004.

C: Cement Base

2: Improved adhesion strength

T: Slip Resistant

E: Extended Open Time

S2: High Deformability according to EN 12002.

CARACTERISTICS

- For indoor and outdoor use
- For moist areas
- Good workability
- For fixing ceramic, gres, porcelain tiles in hard surfaces.
- For fixing ceramic, gres and porcelain tiles in gypsum surface, after being treated with FM PRIMER.
- For fixing ceramic, gres and porcelain tiles on old existing tiles.
- For fixing ceramic, gres and porcelain tiles on under-floor heating
- FM BOND 88 is suitable for swimming pool.

RECOMMENDATIONS FOR USE

The FM BOND 88 applicable indoors and outdoors, is used for laying tiles of different sizes in ceramic, porcelain and sandstone on various surfaces such as, concrete, insulating coatings, cement, gypsum, old tiles, etc. When the FM BOND 88 is reinforced with the LATEX additive, its technical adhesion parameters are improved, and therefore becomes suitable for Application on deformable surfaces such as gypsum or wood tiles and heated floors.

TECHNICAL DATA

Form	Powder
Color	White/Grey
Density	1550 gr/L
Mixing rate (%)	from 29 to 1
Pot Life	4 hours
Temperature of application	From +5°C to +35°C
Open Time EN 1346	≥ 30 minutes
Adjustment Time	≥ 45 minutes
Slip	≤ 0,5 mm
Adhesion Strength	
• After Water Immerssion	≥ 1,53 N/mm ²
• After Freeze-Thaw Cycles	≥ 1,42 N/mm ²
• After Heating Reaction	≥ 1,55 N/mm ²
• Normal Condition	≥ 1,34 N/mm ²
Thermal Resistance	From -15°C to +60°C

SURFACE PREPARATION

Traditional cement-based substrates must have sufficient maturity (28 days at a temperature of 23 ° C and 40% RH). The supports must be flat, mechanically stable, and functional. The support must be clean, free of any foreign substance such as paints, oils, varnishes and materials preventing adhesion, etc. Cleaning is done manually or mechanically. The maturity, for new coatings, must be at least one week per centimeter of thickness before application of **FM BOND 88**.

APPLICATION

For a better Application of the product and for a correct and uniform spreading over the whole surface, it is recommended to apply the product on the support with the right side of the spatula then with its notched side. The product must be applied with the appropriate spatula depending on the type and size of the tiles. After laying the tile, it is recommended to apply pressure to it to ensure that its rear part has been completely covered with adhesive cement. Certain conditions such as: high temperatures, strong winds, sun or supports with high water absorption (high porosity), can negatively affect the performance of the product and can even considerably reduce the times of handling and adjustability. To avoid these problems, it is recommended to spray the substrate with water before applying the adhesive cement or to treat it beforehand with the FM Primer. However, it is important in all cases to check before laying the tile whether the glue has created a "skin". If this is the case, spread the product again in order to reactivate its adhesive power. Avoid gluing water with this "skin" (has hardened) because in this case a non-stick layer has been formed. In the case of exterior or other floor coverings, and more particularly when the adhesive face of the tile has irregularities, it is recommended to spread the adhesive both on the support and on the posterior part of the tile, and this, in order to prevent the creation of cavities allowing the penetration of water or the creation of humidity, which can later cause the detachment or breakage of the tiles.

LIFE TIME - STORAGE

12 months in original packaging under normal storage conditions away from sunlight and frost.

PACKAGING

FM BOND 88 is supplied in paper bags of 25 kg .

