

# TILEBOND RAPID

## Polymer Modified Fast Setting Tile Adhesive

### Description

**TILEBOND RAPID** is a ready to use, fast setting tile adhesive. It is consisting of specially selected hydraulic binders, minerals and special additives. It is formulated in a way to obtain excellent features of adhesion and workability. Furthermore, its quick setting and hydrating allows putting the surface into service after 5-6 hours from time of fixing the tiles.

### Features & Benefits

- Ready mixed, easy to apply just need to mix with water.
- Early Setting
- For indoor and outdoor application.
- For walls and floors.
- High workability.
- High adhesion and bond strength.
- Non- sag properties.
- Excellent resistance to water and weather changes.
- Suitable for hot weather.

### Uses

**TILEBOND RAPID** is used for internal and external laying of tiles, ceramic, mosaics, marble or any type, porcelainized, clinker, single-fired tiles, both on wall and floor, and for the laying of marble, granite, cortile, travertine, natural or reconstructed stones, on which it is indispensable to use a rapidly hydrating adhesive to avoid the presence of superficial spotting or efflorescence.

It can be applied on all types of supports in buildings including new tiles on top of marble or ceramic floors.

### Technical Properties

Appearance	Cementitious powder
Color	Grey, White
Wet Density	1,650 Kg/m <sup>3</sup> approx.
Open time	30 min @ 25°C
Ready for light traffic	5 hours
Ready to use	24 hours (3 days if immersed in water)

VOC	<1.0 g/L
Adhesion Strength:	
Initial Adhesion	1.7 N/mm <sup>2</sup> @ 28 days
After heating	1.0 N/mm <sup>2</sup> @ 28 days
After water immersion	1.2 N/mm <sup>2</sup> @ 28 days
After Freeze/thaw Cycle	1.0 N/mm <sup>2</sup> @ 28 days
Water resistance	Excellent
Slip resistance	Excellent
Grouting	After 3 hours
Service temperature	-5 to +80 °C

All values are subject to 5-10% tolerance

### Standards Compliance:

- EN 12004 C2 FT
- ANSI 118.4
- BS 5980

### Application Procedures

#### Surface preparation:

Surfaces must be prepared thoroughly before commencing application. All substrates must be structurally sound, stable, dry, and clean. Rough surfaces are to be evened or filled first with one of repairing products before tiling. Building surfaces must be constructed to manufacturer's recommendations and relevant building standards in force at time of membrane application. All surfaces are to be free of sharp protruding surfaces, loose material, de-bonded coatings, curing membranes/agents, release agents, wax residues, foreign particles, laitance, algae and moss, grime, oils, animal fats or grease remains.

Structurally unsound layers and surface contaminants are to be mechanically removed by abrasive blasting, blast tracking, grinding or equivalent methods. Moisten the substrate with clean water.

Gypsum substrate should be primed with ULTRABOND AR.

#### Mixing Instructions:

Add **TILEBOND RAPID** (25kg bag) into a container of 5.0 - 5.25 Ltr. of clean water or and mix until a uniform

lumps free consistency mix is achieved. For mixing use a slow speed mechanical mixer (200-300 rpm) fitted with suitable mixing paddle. Allow product to settle for 5 minutes then lightly re-stir before use. If product is left undisturbed in external conditions it may thicken, therefore it is recommended to regularly stir during use.

### Application Instructions:

Spread **TILEBOND RAPID** adhesive evenly over the substrate using notched trowel, the first pass with its smooth part and the second pass with the toothed part. While adhesive is in a wet state, press and slide the tile at right angles to the notched line of the adhesive to ensure 100% coverage to tile backs. For large tiles and in order to achieve higher bonding it is recommended to spread the adhesive to the back of tile before placing into the notched pattern of adhesive. It is recommended that when fixing ceramic tiles, a minimum spacing of 2mm be left around each tile (depends on type and size of tile).

Remove excess adhesive from tile surface and joints using damp cloth before the adhesive dry. Joints grouting between tiles may be recommended after 3-4 hours of tiling be sure that mortar is dry before grouting.

### Yield/ Coverage

A 25 kg bag of **TILEBOND RAPID** at 3mm thickness will cover 5.5 m<sup>2</sup> (solid bed) or 12.5 m<sup>2</sup> (notched trowel).

### Packaging

**TILEBOND RAPID** is available in 25kg bag for White or Grey adhesive.

### Storage

Keep the product in dry and sheltered place at temperature between +5°C to +35°C. In these conditions and in closed original containers, the product will have a shelf life of at least 12 months.

### Health and Safety

Wear gloves, goggles to avoid any contact with eyes and skin. In case of splashes in the eyes wash abundantly with warm water and consult a doctor.

For further information or particular use, contact SBI Technical Department.

### Quality & Care

All products produced in SBI facilities are manufactured under a management system certified to conform to the requirements of the quality and environmental health & safety standards ISO 9001 & ISO 14001.

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