

CEMBOND XP

HIGH PERFORMANCE TILE ADHESIVE



DESCRIPTION

CEMBOND XP is a high performance polymer modified cementitious tile adhesive available in Grey and White Colors.

FEATURES & ADVANTAGES

- It can be applied directly over substrate in a single layer ranging in thickness from 2-6 mm
- Good open time
- High water and impact resistance
- Excellent slip resistance
- Minimum shrinkage
- Excellent bond strength to many tricky and difficult substrates.

BASIC USES

CEMBOND XP is used for the permanent ceramic, porcelain, mosaic, quarry, artificial granite and marble, terrazzo to masonry, cementitious substrates and dry walls.

RECOMMENDED USES

- **CEMBOND XP** is used for the permanent ceramic, mosaic, quarry, artificial granite (Quarella), terrazzo and cement tiles to masonry, cementitious substrates and dry walls
- Can be used for internal and external wall and floor applications
- Can be used in swimming pools and similar continuously wet applications without the need for additional polymer latex.

TECHNICAL PROPERTIES

Open time (BS 5980-91)	-25minutes
Pull out bond strength	
Artificial granites	- 0.30 MPa
Ceramic tiles	- 1.00 MPa
Limit of BS 5980-91	- Min 0.17 MPa
Shear strength (BS 5980-91)	- 1.2 MPa

PREPARATION

Surface Preparation

substrate surface must be sound and thoroughly cleaned. It should be free of oil, wax, dust ect. All loose particles, old wall paper, paint ect. Should be physically removed.

Surfaces

CEMBOND XP can be applied directly on cement screeds, concrete or cement mortars. **CEMBOND XP** should not be placed directly over Gypsum or Gypsum boards.

Mixing

Mix three parts **CEMBOND XP** to 1 part water by volume (5.5 to 6 liter water for each 25 kg bag of **CEMBOND XP**). Mix thoroughly with a slow speed drill or with a paddle to get a uniform lump free consistency. Allow the material to stand for 3 - 5 minutes after which it should be re-mixed prior to application.

During hot weather, use cold water to increase the open time

APPLICATION

For ceramic tiles apply **CEMBOND XP** using a flat trowel at a thickness of 3 mm and comb with a notched trowel. Apply the tiles immediately. Back butter large tiles and apply with a sliding motion, straighten the tiles immediately to avoid breaking the bond. For quarry, Quarella, and cement floor tiles, spread the required setting bed in the conventional manner to get 2 - 3 mm thickness, apply the tiles immediately and hammer gently with soft mallet to assume a better bond. Apply only to areas, which can be tiled in the adhesive's open wet time, normally up to 1 m² at a time.

FINISHING

Remove the excess **CEMBOND XP** with a damp cloth before material has set and grout the joints with CEMTEC TILE GROUT after 24 hours.

PRECAUTIONS / LIMITATION

CEMBOND XP is cement based and the inhalation of dust and contact with eyes should be avoided.

COVERAGE	20kg bag CEMBOND XP will cover approximately 4.2 - 6.2 m ² at a thickness of 2 - 3mm. The coverage depends on the conditions of the substrate and the type of tiles.
PACKAGING	Available in 20 kg and in 25 kg bag
COLOR	White

Quality Statement

CMCI manufactures its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with quality Management System described in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high performance construction products CMCI also offers full technical field support to consultants, Architects, contractors, applicators and End Users.

The Technical Specification information and recommendations given are based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product CMCI reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of CMCI no warranty and or responsibility is assumed on the performance of work completion executed with use of our products.

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