

# CEMBOND XP

## HIGH PERFORMANCE TILE ADHESIVE

### DESCRIPTION:

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

### 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.

### 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

### SPECIFICATION:

**CEMBOND XP** is manufactured to comply with ANSI IA 118.1 and B.S. 5980-1991.

### TECHNICAL PROPERTIES:

Open time	- 25 min
BS 5980-91	
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	- 1.2 MPa
BS 5980-91	

### PREPARATION:

**Surface Preparation** - substrate surface must be sound and thoroughly cleaned. It should be free of oil, wax, dust etc. All loose particles, old wall paper, paint etc. should be physically removed.

**Surfaces** - **CEMBOND XP** can be applied directly on cement screeds, concrete or cement mortars.

**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 m<sup>2</sup> 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.

### COVERAGE:

One bag **CEMBOND XP** will cover approx. 5.3 - 7.8 m<sup>2</sup> at a thickness of 2 - 3mm. The coverage depends on the conditions of the substrate and the type of tiles.

### PACKING:

**CEMBOND XP** is supplied in 20 kg and in 25 kg bags.

### PRECAUTIONS/LIMITATIONS:

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

#### QUALITY STATEMENT

CMCI manufacture its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with Quality Management System described in ISO9000 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 recommendation 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 guaranty and or responsibility is assumed on the performance of work completion executed with use of our products.