

# CEMBOND

## DRY SET MORTAR

### DESCRIPTION

**CEMBOND** is a cementitious powder available in Grey and White Colors.

### RECOMMENDED USES

**CEMBOND** is a high performance adhesive for the permanent installation of ceramic, mosaic, quarry, 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
- High bond strength

### SPECIFICATION

**CEMBOND** is manufactured to comply with ANSI IA 118.1.1976 and B.S. 5980 - 1980.

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

**Mixing** - Mix three parts **CEMBOND** to 1 part water by volume (5.5 to 6 liter water for each 25 kg bag of **CEMBOND**). 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** using a flat trowel at a thickness of 3mm 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 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 a soft mallet to assume a better bond. Apply only to areas which can be tiled in the adhesive's open wet time, normally upto 1 m<sup>2</sup> at a time.

### FINISHING

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

### COVERAGE

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

### PACKING

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

### PRECAUTIONS/LIMITATION

**CEMBOND** 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 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 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.