



# PACTOTile CG1

High Performance Cementitious Tile Grout

## DESCRIPTION

PACTOTile CG1 is a High Performance polymer modified cement based powder blended with synthetic organic polymers and fillers. When added to water it gives smooth creamy paste to grout tile joints.

## TYPICAL USES

PACTOTile CG1 is used for filling tile joints in kitchen, Swimming pools, bathroom, shower stalls etc. It can also be used for exterior applications.

Used for joints up to 10 mm, for wall and floor tiling.



## ADVANTAGES

- Water resistant grout
- Abrasion resistant grout
- Polymer modified tile grout
- Available in a range of attractive colors
- Easy to apply
- Formulated for middle east conditions

## STANDARD COMPLIANCE

ISO 13007-3 – CG1

BS 5385

ANSI 118.6

## PACKAGING

20 kg. Bag

## PROPERTIES

Appearance	Powder
Color	White, grey, as well as variety of standard colors
Mixing ratio	5.6 to 6 liters / 20 kg
Density (Wet)	1.8 kg/lit
Working time	Approx. 30 mins.
VOC	< 1 g/l
Workability	Good

## Requirement of ISO 13007 CG1

	Requirement	Results
Compressive Strength	>15 N/mm <sup>2</sup>	>17 N/mm <sup>2</sup>
Flexural Strength	>2.5 N/mm <sup>2</sup>	>3 N/mm <sup>2</sup>
Abrasion Resistance	<2000 mm	1800 mm
Shrinkage	<3 mm/m	1.9 mm/m
Water Absorption after 30 minutes	<5 g	4 g
Water Absorption after 240 minutes	<10 g	9 g

## APPLICATION INSTRUCTION

### JOINT PREPARATION

Tile joints must be clean and there is no excess mortar in them. Tile should not be grouted until at least 24 hours after fixing.

### MIXING

Mix the PACTOTile CG1 with 5.6 – 6.0 liters water to obtain a smooth thick consistency. Leave the mix to stand for 10 minutes before using. Slow speed hand held electric drill with a suitable paddle can be used.

### APPLICATION

Apply the mixed PACTOTile CG1 grout to the tile joints using a sponge, squeegee or brush, working it in thoroughly to ensure total compaction. Remove surplus grout from the face of the tiles with damp sponge. Polish the tiles when the job is complete with a clean dry cloth.

### COVERAGE

Tile size (w x b) mm	Tile Thickness	Joint width	Grout consumption
200 x 200	6 mm	5 mm	0.55 kg /m <sup>2</sup>
400 x 500	6 mm	5 mm	0.25 kg /m <sup>2</sup>



### STORAGE AND SHELF LIFE

Store out of direct sunlight, clear of the ground on pallets, protect from rainfall. Avoid excessive compaction. Shelf life is 12 months when stored as above.

### EQUIPMENT CLEANING

Clean all equipments and tools with water immediately after use.

### HEALTH AND SAFETY

PPE's: Gloves, goggles & suitable mask must be worn. As with other products containing Portland cement, the cementitious material in **PACTOTile CG1** may cause irritation. In case of contact with eyes: Immediately flush with plenty of water for at least 15 minutes. Call a physician. In case of contact with skin: Wash skin thoroughly. If Swallowed: Seek medical attention immediately.

For additional information please refer to the MSDS available on request

### TECHNICAL SERVICE

PAC Technical Services are available on request for onsite support to assist in the correct use of its product.



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