

# FIX-O-TILE - GR

## WATERPROOF CEMENTITIOUS TILE ADHESIVE

**FIX-O-TILE.GR**, waterproof flexible cementitious adhesive and is ideal for fixing ceramic, quarry and most tiles, slates, marbles and natural stones. It is cement based adhesive Powder blended with special polymers and additives.

### USAGE

- ▶ FIX-O-TILE is a quality adhesive for permanent fixing of ceramic tiles such as floors and walls (exterior and interior)
- ▶ It can be used for fixing marbles and stone cladding
- ▶ It is suitable for use in swimming pools, bathrooms kitchens and other wet process areas

### ADVANTAGES

- ▶ Interior or exterior use
- ▶ Waterproof , there for can be used for bathrooms and swimming pools
- ▶ High bond strength
- ▶ Can be used to any type of tiles, granite, marbles, etc.
- ▶ Non-toxic and non flammable
- ▶ Water cleanable, Long open time and slip resistance

### PROPERTIES

Appearance	Grey or White powder
Density	1.7 g/ m <sup>3</sup>
Compressive strength (PSI)ASTM C-190	
1st day	2500PSI
7th day	3500 PSI
Open time at 28°C	18-30min
Mixed Pot life at 28°C	60-90min
Cure time	24Hrs
Shear bond(PSI)	400PSI
Tensile strength	2.5 N/mm <sup>2</sup>
Flexural Strength at	4.8 N/mm <sup>2</sup> ( 28days)
Pull of strength test	
BS1881 Part 207	≥1.5N/mm <sup>2</sup> ( 28days)
Coverage	2 to 4Kg/ m <sup>2</sup>

\*Open time is the time between spreading the adhesive and placing the tiles

engineered to perform

## SUBSTRATE PREPARATION

- ▶ The substrate must be structurally sound , free from movement and dry.
- ▶ The Substrate must be free of all traces of oil, grease and wax.
- ▶ Steel-trowel finished concrete must be acid-etched or wire brushed prior to tiling
- ▶ Painted surfaces must be abraded to expose at least 75% of clean surface

## PREPERATION

FIX-O-TILE should be added to water at 5-7lit per 25Kg bag and mixed until it gets smooth and the mixing should be done slowly to keep out the air bubbles . Mix continuously until a lump free creamy consistency is achieved .The mix lasts 1-2 hrs depending on temperature conditions .

Apply FIX-O-TILE to clean and dry surface at temperature 40-100°F. Cement surfaces must be scrapped and dampened to help adhesion. Care should be taken to bond well the existing ceramic tile surfaces. Certain wood or plaster surfaces may need a mortar coating dried for 20 hours prior to applying FIX-O-TILE

## PREFERRED TOOLS

Wall tiling : 6mm X 6mm notched trowel

Floor tiling : 12mm X 12mm notched trowel

## APPLICATION

- ▶ Temperature range for use : +5°C to +54°C
- ▶ Apply WIN TILE-FIX up to a working area of not more than 1 square meter at one time
- ▶ Place tiles firmly on the adhesive bed insuring good contact with a twisting motion.
- ▶ It is recommended that the tiles are "beat in" to obtain good transfer of mortar to tile and proper alignment
- ▶ It is not advisable to adjust tiles in mortar after 10-15minutes of its setting

## COVERAGE

Solid bed fixing 3-6 mm depth: 4- 8 4Kg/ m<sup>2</sup>

Notched trowel smooth surface:2- 4Kg/ m<sup>2</sup>

## COMPOSITION

Powder-consisting of Portland cement, graded sand, additives, polymer chemicals.

**PACKING** : 20 and 25 Kg Bags

## STORAGE AND SHELF LIFE

12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature/humidity may reduce shelf life.

## HEALTH AND SAFETY

Gloves, goggles & suitable mask must be worn. Precautions: Contact with skin, eyes, etc. must be avoided. If swallowed, seek medical attention immediately. Hazard: It is regarded as non-hazardous for transportation. Disposal: Do not reuse containers. To be disposed off as per local rules and regulations. For additional information please refer to the MSDS, available on request

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