

FIX-O-TILE · HS

EXTREME STRENGTH FLEXIBLE TILE ADHESIVE

FIX-O-TILE.GR , highly flexible extreme strength mortar adhesive and is ideal for fixing ceramic , quarry and most tiles, slates, marbles and natural stones to any substrates including metal.

USAGE

- High bonding performance and deformability makes HS suitable for bonding reduced porosity natural stone or tiles on to new, old and variety of substrates
- Suitable for very large formats
- Waterproof , there for suitable for bonding on submerged substrates , ponds , tanks, swimming pools , water sport centres.

ADVANTAGES

- High Bonding Performance
- Suitable for very large formats
- Permanently flexible and waterproof
- Suitable for bonding metal, bituminous , PVC and EPDM membrane.

PHYSICAL PROPERTIES

Appearance	Grey or White powder
Density	1.6 g/ m ³
Compressive strength (PSI)ASTM C-190	
1st day	2800PSI
7th day	3800 PSI
Open time at 28°C	30min
Mixed Pot life at 28°C	60-90min
Cure time	24Hrs
Shear bond(PSI)	400PSI
Tensile strength	3 N/mm ²
Flexural Strength at	6 N/mm ² (28days)
Pull of strength test BS1881 Part 207	≥2 N/mm ² (28days)
Coverage	2 to 4Kg/ m ²
Temperature resistance	-20 ⁰ C to 80 ⁰ C

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

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 6 lit 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 : +5⁰C to +54⁰C
- 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/ m²
 Notched trowel smooth surface: 2- 4Kg/ m²

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

