

DECK TILE

Polymer Modified Flexible Tile Adhesive



Introduction

Deck Tile is a two component waterproof & flexible tile adhesive based on high quality cements, selected minerals and high performance polymers. The product provides high adhesive strengths and exhibits thixotropic properties. It is a nonshrink & crack free adhesive and is most suitable for indoor & outdoor tiling works. Being a waterproof, high bond strength, flexible adhesive, it is preferred for swimming pool tiling. Tiles are fixed using thin bed and spot bonding method, as the case may be.

Key Features

- Can be applied by ordinary Tile masons.
- No prewetting of Tiles required.
- It is a faster job and hence gives more output.
- Provides a prolonged open time and adjust ability interval while laying Tiles.

Technical Data

Appearance	Dry grey powder	
Bulk density (powder)	1600 Kg/cu.m.	
Mixing ratio	Deck Tile	30 Kg
	Deck Flex	1.5 Kg
	Water	7.5 Kg
Workable time	25-30 min	
Full cure time	7 Days	
Bond strength	1 N/mm ²	
Consumption	1.5 Kg/sq.m./mm	

Application Procedure

Surface Preparation

1. The surface on which tiles are to be fixed should be structurally sound, free from oil, grease, remnants of curing compound etc.
2. It should be free from timber or nail embodiment or any laitance.
3. The surface must be first rectified to obtain a desired degree of line, level & plumb.

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Mixing

4. Take premeasured quantity of water & Mix the proportionate quantity of Deck Flex liquid and stir well to form a mixed solution.
5. Now add the Deck flex powder to the mixed solution slowly followed by constant stirring till you get a proper workable (thixotropic) paste consistency.
6. Allow the mixed up material to stand for 5-10 minutes so as to allow chemicals to react.
7. Ensure that you mix only the desired quantity that can be consumed

Application

8. Apply Deck Tile onto the prepared substrate using a notched trowel to a thickness of 2 to 4 mm depending upon size & thickness of Tile. Generally the thin bed thickness should be ½ the thickness of tile.
9. Cover only 1.5 to 2.00 m² area at a time. The tiles are then fixed on to the adhesive in desired position within 25 minutes depending upon the outside temperature.
10. NOTE: If the paste is hardened do not use the hardened paste by adding water & making it workable.
11. Deck Tile adhesive is recommended for tiles up to 10 mm thickness. For higher thicknesses or stone cladding contact the manufacturers for 'STONE ADHESIVES'.
12. No external curing is required.

Packaging

30 kg sack

Storage

Deck Grout FP must be stored in unopened bags in cool and dry conditions. It has a shelf life of 6 months from the date of manufacture.

Health and Safety

Kindly wear hand gloves and safety goggles while handling the product. Any contact with eyes should be washed immediately with clean water and seek medical advice. Do not swallow, avoid contact with food or cooking utensils and keep away from children's reach. If splashed on to cloth or any other fabric, wash immediately otherwise it may leave permanent stain.

Product Disclaimer

This product is manufactured with utmost care and precautions using best available materials, techniques and keeping in view the end use and assured performance. However, no specific guarantee can be given since the application of the product (prevailing site and environmental conditions while applying etc.) is beyond our control. We therefore welcome consultation in the event of doubt about application performance.