



Furan Mortar

DESCRIPTION:

Resin type Furan (Alcohol based)Mortar. It is manufacture with resin, quartz powder and suitable chemicals. It resists strong acid, alkali, acidic salts, alcohol, oils, mineral oils greases and solvents. It is used bedding, jointing and pointing material for AR Tile, AR Brick and Red Mondana Stone lining. It is very good insulation property.

USES

Furan Mortar is recommended for several corrosive conditions as when in fact the silicate type mortar not resistant to water so this furan mortar is used for pointing. It is use for floors, vessels drains, sumps, pump foundations, vessel foundation, ETP plant RCC tank, and acid storage tank.

Physical Properties

Mixing ratio resin : powder	1:3	At 27 deg C
Color	Black	At 27 deg C
Density	1.85 – 2.00	At 27 deg C
Setting Time	<3 hours	At 27 deg C
Querying Time	72 hours	At 27 deg C
Working Time	>20 Minutes	At 27 deg C
Packing	Powder 37.500 Kg in bag	Solution 25 Kg & 200 Kg. in Drum
Storage Period	12 month	
Compressive Strength	Min 350.00kg/cm ²	
Bond Strength	Min 8 kg/cm ²	
Tensile Sterngth	Min 50 kg/cm ²	
Water Absorption	Max 1.00%	
Flexural Strength	80.00 kg/cm ²	
Temperature Resistance	Average 170.00 deg/C	

Application

In the case of pointing, the mortar is filled to the depth up to which the jointing material is racked out. The surplus material is removed from the joint carefully without smearing onto the tile surface.

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