



## TILEMIX [TM-20]

For Vitrified Tiles & Stones



No Tile Popping  
Assurance



Polymer Based  
Tile Adhesive



Durable



Long Lasting  
Adhesiveness



Water  
Resistant



Hacking Removal  
Required

Assure Mix **Tile Mix TM20-Type 2** is another revolutionary Tile adhesive with High Dense Polymers that gives high quality strength and bond. This is ideal for Vitrified Tiles and Stones and can be used for internal wall and floor and external flooring application. TM20 is an easy to use, general purpose adhesive that needs only water mixing and good masonry for a perfect finish. The High Dense Polymer mix ensures instant bonding for long duration adhesiveness for all your tiling needs.

### Substrates

- Cement Backgrounds.
- Concrete Backgrounds.

### Composition

- High grade OPC Cement Binders and fillers.
- Advanced German Polymers.

### Colour Test

- Grey Dry Powder.
- Tested as per IS 15477-2019 - Type 2 standards.

### Coverage

- 3-5 Sqft./ KG for 3mm bed thickness depending on surface undulations.

### Uses

- Suitable for interior application.
- Usable on new/old walls.

**GERMAN TECHNOLOGY**



**CONFORMS TO IS 15477:2019**  
**(An ISO 9001/ISO 45001/ISO 13007 Certified Company)**

## HOW TO APPLY

### 01 | Surface Preparation

- Clean the surface using water and wire brush.
- Ensure gradient is achieved.
- Replaster the area with Assuremix Ready Mix Plaster wherever necessary.
- Fill any cracks with Assure Mix crack filler.

### 02 | Mixing

- Take 4-5 Liters clean water ready in a bucket.
- Add 20 Kg adhesive to the water and not Vice Versa.
- Use stirrer to mix for 5 min for homogenous paste.
- Stand the paste for about 10 min to activate the polymers.
- Remix again for about 1 minute and make paste ready for use.

### 03 | Application

- Before applying the paste dampen the surface with water and allow excess water to run off.
- Immerse the tiles in water for about two hours before fixing.
- Apply the paste with 6mm notched trowel and spread evenly on tile back.
- Fix tile and remove overrun mixture and clean with cloth.
- Use soft mallet for pressing the tile.

### 04 | Precautions

- Do not add extra water than mentioned
- Mixture Thickness should not exceed 3mm
- Not applicable for gypsum plaster, paint, wooden and metallic surfaces
- Provide enough roughness on the base surface for high strength bonding

## MECHANICAL PROPERTIES

### Tensile Adhesion Strength after 28 Days

- Dry Condition - Min 1.0 N/MM<sup>2</sup>
- Wet Condition - Min 1.0 N/MM<sup>2</sup>

### Shear Adhesion Strength after 28 Days

- Dry Condition - Min 1.25 N/MM<sup>2</sup>
- Heat Aging Condition - Min 1.0 N/MM<sup>2</sup>
- Wet Condition - Min 1.0 N/MM<sup>2</sup>

### Compressive Strength Test after 28 Days

- Dry Condition - Min 7.0 N/MM<sup>2</sup>

### Deformability after 28 Days

- Deformable Adhesive - ---

## FEATURES



Brilliant Strength with Strong Adhesion



No Curing needed



Stronger Bonding than normal cement



Highly water resistant



No Slip Assurance



Single Component and Easy to Use adhesive



Better Tile Base Coverage



Cost Effective



German Polymers Mix for perfection



Negligible Wastage

## TECHNICAL PARAMETERS

Parameters	Specifications
Spread Ability	Good & Easily Notchable
Open Time	> 20 Mins
Adjustability	> 20 Mins
Slip Resistance	< 0.5 mm
Pot Life	> 60 Mins
Density	1.4-1.8 Kg/Ltr

## STORAGE INSTRUCTIONS

- Store in cool, dry and well ventilated place away from heat and direct sunlight
- Keep away from moisture and damp area
- Avoid using material partially, don't keep bag open after partial use.
- Keep bag mouth tied and store in secure place to avoid any lump formation.
- Treat above instructions as general and secure bag as per weather, moisture, humidity and other parameters of site.

## HEALTH & SAFETY INFORMATION

- Avoid direct eye and skin contact as it is polymer based.
- In case of eye contact kindly wash eyes with clean water for at least 20 minutes and seek medical help.
- Keep out of reach of children.

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