



LOOSE TILES KA EASY FIX

# WHITE CEMENT KE ADVANTAGE WALA BIRLA WHITE TILESTIX

FINISH MAST. PAKKAD JABARDAST.



# TILESTIX VITRIBIND

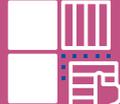
It is a highly polymer modified, White Cement-based thin-set tile adhesive for fixing ceramic, semi-vitreous tiles, vitrified tiles and small format natural stones.



**DURABLE**



**HIGHER ADHESION**



**EASE OF USE**



**TILE ON TILE**



## Features and Advantages:

- Can be used in internal areas, for floor as well as wall applications.
- Water and shock resistant - suitable for wet areas and commercial floors.
- Sag resistant formula provides hassle-free application on vertical walls.
- Low VOC for healthy living.

## Suitable for:

It is suitable for both horizontal and vertical surfaces, on interior floor and wall, in dry and wet areas. It is also recommended for tile-on-tile application.

**Packaging: 20 kg bag**

## Technical Specifications:

| Pot Life | Tensile Adhesion |                          | Shear Adhesion |                          | **Coverage                       | IS 15477: 2019 | EN 12004: 2017 | *Shelf life |
|----------|------------------|--------------------------|----------------|--------------------------|----------------------------------|----------------|----------------|-------------|
| 2hrs.    | Dry Condition    | > 1.20 N/mm <sup>2</sup> | Dry Condition  | > 1.35 N/mm <sup>2</sup> | Approx.<br>55-60 ft <sup>2</sup> | Type 2'T'      | Type C1T       | 12 months   |
|          | Wet Condition    | > 1.10 N/mm <sup>2</sup> | Wet Condition  | > 1.10 N/mm <sup>2</sup> |                                  |                |                |             |
|          |                  |                          | Heat Aging     | > 1.20 N/mm <sup>2</sup> |                                  |                |                |             |

\*For sealed pack when stored under cover, out of direct sunlight, damp-proof condition and protect from extremes of temperature.

\*\*Coverage will vary depending on trowel notch size, type and size of tile and substrate smoothness and evenness. For 20 kg bag at 3 mm thickness using 6 mm x 6 mm square notched trowel.

## Application Areas

| Interior Floors                 | Vitribind |
|---------------------------------|-----------|
| Ceramic Tiles                   | ✓         |
| Semi Vitreous                   | ✓         |
| Tile On Tile                    | ✓         |
| Vitrified Tiles                 | ✓         |
| Porcelain Tiles                 | ✓         |
| Glass Mosaics                   |           |
| Natural Stones - Granite/Marble |           |
| Small Format Tiles              | ✓         |
| Medium Format Tiles             | ✓         |
| Large Format Tiles              |           |
| Interior Wall                   |           |
| Up to 9ft                       | ✓         |

## Physical Properties @ 25°C

| Variant  | Vitribind   |
|--|-------------|
| Mixing Ratio by weight                                   | 0.25 - 0.27 |
| Mixed Density, kg/liter                                  | 1.60 - 1.80 |
| Open Time, minutes<br>(IS 15477: 2019)                   | Approx. 20  |
| Adjustability, minutes<br>(IS 15477: 2019)               | Approx. 20  |
| Pot Life, hours  | 2           |
| Setting Time, hours                                      | 24          |
| Time to Heavy Traffic, hours                             | 24          |
| Adhesive Thickness, mm                                   | 3 - 12      |
| Application Temperature<br>(Substrate and Materials), °C | 5 - 35      |



## Properties As Per IS 15477: 2019

| Variant                             | Vitribind    |              |
|-------------------------------------|--------------|--------------|
| Conforms to:                        | 2T           |              |
| Testing Properties                  | Requirement  | Test Results |
| <b>1. Tensile Adhesion Strength</b> |              |              |
| a) Dry Condition, N/mm <sup>2</sup> | Minimum 1.0  | >1.2         |
| b) Wet Condition, N/mm <sup>2</sup> | Minimum 1.0  | >1.1         |
| <b>2. Shear Adhesion Strength</b>   |              |              |
| a) Dry Condition, N/mm <sup>2</sup> | Minimum 1.25 | >1.35        |
| b) Wet Condition, N/mm <sup>2</sup> | Minimum 1.0  | >1.1         |
| c) Heat Aging, N/mm <sup>2</sup>    | Minimum 1.0  | >1.2         |
| <b>3. Slip Resistance, mm</b>       | ≤ 0.5        | <0.4         |

## Properties As Per EN 12004: 2017

| Variant  | Vitribind   |              |
|--|-------------|--------------|
| Conforms to:                                       | C1T         |              |
| Testing Properties                                 | Requirement | Test Results |
| <b>1. Open Time @ 20 minutes, N/mm<sup>2</sup></b> | ≥ 0.5       | >0.7         |
| <b>2. Slip Resistance, mm</b>                      | ≤ 0.5       | <0.4         |
| <b>3. Tensile Adhesion Strength</b>                |             |              |
| a) Initial, N/mm <sup>2</sup>                      | ≥ 0.5       | >0.9         |
| b) After Water Immersion, N/mm <sup>2</sup>        | ≥ 0.5       | >0.8         |
| c) After Heat Aging, N/mm <sup>2</sup>             | ≥ 0.5       | >0.9         |
| d) After Freeze-Thaw Cycles, N/mm <sup>2</sup>     | ≥ 0.5       | >0.8         |





# BIRLA WHITE TILESTIX RANGE



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