



# **LOOSE TILES KA EASY FIX**

# WHITE CEMENT KE ADVANTAGE WALA BIRLA WHITE

FINISH MAST. PAKAD JABARDAST.



# **TILESTIX EXTERO**

It is a highly polymer modified, White Cement-based thin-set tile adhesive for fixing all type of ceramic tiles, vitreous/vitrified, semi-vitreous tiles, glass mosaic tiles, precast terrazzo and natural stones over concrete and on a variety of substrates.





#### **Features and Advantages:**

- Ideal product for tile-on-tile applications on floor.
- Can be used in internal areas, for floor and wall applications as well as for external floors and walls.
- Water and shock resistant suitable for wet areas and commercial floors.
- Sag resistant formula provides hassle-free application on vertical walls.
- Sustains heat ageing making it ideal for high temperature locations and for hot temperature applications, like jacuzzi, sauna etc.
- Low VOC for healthy living.

#### Suitable for:

Horizontal and vertical surfaces, in dry and wet areas for indoor and outdoor applications. It is also recommended for tile-on-tile application. It can be used to fix regular size tiles in commercial areas as it accommodates shocks due to heavy traffic.

#### Packaging: 20 kg bag

### **Technical Specifications:**

| Pot Life | Tensile Adhesion                       | Shear Adhesion |                          | **Coverage                    | IS 15477: 2019 | EN 12004:2017 | *Shelf life |
|----------|--|----------------|--------------------------|-------------------------------|----------------|---------------|-------------|
| 2hrs.    | Dry Condition > 1.60 N/mm <sup>2</sup> | Dry Condition  | > 1.50 N/mm <sup>2</sup> | Approx. 55-60 ft <sup>2</sup> | Type 3'T'      | Type C2TE     | 12 months   |
|          | Wet Condition > 1.10 N/mm²             | Wet Condition  | > 1.20 N/mm <sup>2</sup> |                               |                |               |             |
|          |  | Heat Aging     | > 1.30 N/mm²             |                               |                |               |             |

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

<sup>\*\*</sup>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                 |  |
|---------------------------------|--|
| Ceramic Tiles                   | <b>/</b>                                 |
| Semi Vitreous                   | <b>/</b>                                 |
| Tile On Tile                    | <b>/</b>                                 |
| Vitrified Tiles                 | <b>/</b>                                 |
| Porcelain Tiles                 | <b>/</b>                                 |
| Glass Mosaics                   | <b>/</b>                                 |
| Natural Stones - Granite/Marble | \/ \/ \/ \/ \/ \/ \/ \/ \/ \/ \/ \/ \/ \ |
| Small Format Tiles              | <b>✓</b>                                 |
| Medium Format Tiles             | <b>✓</b>                                 |
| Large Format Tiles              | <b>/</b>                                 |
| Interior Wall                   |  |
| Up to 9ft                       | <b>/</b>                                 |
| More than 9ft                   | <b>/</b>                                 |
| Exterior Floors                 |  |
| Ceramic Tiles                   | <b>/</b>                                 |
| Semi Vitreous                   | <b>/</b>                                 |
| Tile On Tile                    | <b>✓</b>                                 |
| Vitrified Tiles                 | <b>/</b>                                 |
| Porcelain Tiles                 | <b>/</b>                                 |
| Glass Mosaics                   | <b>/</b>                                 |
| Natural Stones - Granite/Marble | <b>/</b>                                 |
| Small Format Tiles              | \/ \/ \/ \/ \/ \/ \/ \/ \/ \/ \/ \/ \/ \ |
| Medium Format Tiles             | <b>/</b>                                 |
| Large Format Tiles              | <b>✓</b>                                 |
| Exterior Wall                   |  |
|                                 |  |
| Up to 9ft                       | <u> </u>                                 |

# Physical Properties @ 25°C

| Variant   | Extero      |
|---|-------------|
| Mixing Ratio by weight                                | 0.30 - 0.32 |
| Mixed Density, kg/liter                               | 1.55 - 1.75 |
| Open Time, minutes<br>(IS 15477: 2019)                | Minimum 30  |
| Adjustability, minutes (IS 15477: 2019)               | Approx. 30  |
| Pot Life, hours                                       | 2           |
| Setting Time, hours                                   | 24          |
| Time to Foot Traffic, hours                           | 24          |
| Time to Heavy Traffic, hours                          | 28          |
| Adhesive Thickness, mm                                | 3 - 12      |
| Application Temperature (Substrate and Materials), °C | 5 - 35      |



# Properties As Per IS 15477: 2019

| Variant                             | Extero      |              |  |
|-------------------------------------|-------------|--------------|--|
| Conforms to:                        | 3T          |              |  |
| Testing Properties                  | Requirement | Test Results |  |
| 1. Tensile Adhesion Strength        |             |              |  |
| a) Dry Condition, N/mm <sup>2</sup> | Minimum 1.5 | >1.60        |  |
| b) Wet Condition, N/mm <sup>2</sup> | Minimum 1.0 | >1.10        |  |
| 2. Shear Adhesion Strength          |             |              |  |
| a) Dry Condition, N/mm²             | Minimum 1.5 | >1.50        |  |
| b) Wet Condition, N/mm <sup>2</sup> | Minimum 1.0 | >1.20        |  |
| c) Heat Aging, N/mm²                | Minimum 1.0 | >1.30        |  |
| 3. Slip Resistance, mm              | ≤ 0.5       | <0.3         |  |

# Properties As Per EN 12004: 2017

| Variant  | Extero      |              |  |
|--|-------------|--------------|--|
| Conforms to:                                   | С2ТЕ        |              |  |
| <b>Testing Properties</b>                      | Requirement | Test Results |  |
| 1. Open Time                                   | ≥ 0.5       | >0.6         |  |
| @ 20 minutes, N/mm <sup>2</sup>                |             |              |  |
| 2. Slip Resistance, mm                         | ≤ 0.5       | <0.3         |  |
| 3. Tensile Adhesion Strength                   |             |              |  |
| a) Initial, N/mm²                              | ≥ 1.0       | >1.60        |  |
| b) After Water Immersion, N/mm²                | ≥ 1.0       | >1.10        |  |
| c) After Heat Aging, N/mm <sup>2</sup>         | ≥ 1.0       | >1.30        |  |
| d) After Freeze-Thaw Cycles, N/mm <sup>2</sup> | ≥ 1.0       | >1.20        |  |







#### Birla White - A Unit of UltraTech Cement Limited,

9th Floor, Birla Centurion, Pandurang Budhkar Marg, Worli, Mumbai - 400030

- www.facebook.com/BirlaWhiteCement | twitter.com/BirlaWhite
- **™** bw-consumercare@adityabirla.com