

LOOSE TILES KA EASY FIX

WHITE CEMENT KE
ADVANTAGE WALA
BIRLA WHITE

TILESTIX

FINISH MAST. PAKAD JABARDAST.



TILESTIX CURVEFIT

It is a multipurpose highly polymer modified and very highly deformable adhesive for installation of very large format tiles on most of the substrates to accommodate movements. It offers exceptionally good handling properties with good sag and slump resistance. It can be applied up to 15 mm bed thickness.



DURABLE



HIGHER
ADHESION



HIGHEST
FLEXIBILITY



EXTENDED
OPEN TIME



Features and Advantages:

- Highly Polymer modified – excellent bond strength at different conditions.
- Extended open time - suitable for large format & external condition.
- Sag Resistant formula - for hassle-free application on vertical walls.
- Water & shock resistant - suitable for wet areas & commercial floor too.
- Good resistance against crack propagation.
- Sustains heat ageing – Idea for external & high temperature applications.
- Highly deformable adhesive - sustains substrate vibration.
- Low VOC - for healthy living.

Suitable for:

Horizontal and vertical surfaces, in dry and wet areas for indoor and outdoor applications. It is suitable for drywall like cement/bison/ gypsum boards. It can be used to fix regular size tiles in commercial areas as it accommodates shocks due to heavy traffic. It is also recommended for very high vibration areas

Packaging: 20 kg bag

Technical Specifications:

| Pot Life | Tensile Adhesion | Shear Adhesion | **Coverage | IS 15477: 2019 | EN 12004:2017 | *Shelf life |
|----------|--|--|-------------------------------|----------------|---------------|-------------|
| 2hrs. | Dry Condition > 1.80 N/mm ² | Dry Condition > 1.70 N/mm ² | Approx. 60-70 ft ² | Type 4'TS2' | Type C2TES2 | 12 months |
| | | Wet Condition > 1.25 N/mm ² | | | | |
| | Wet Condition > 1.25 N/mm ² | Heat Aging > 1.60 N/mm ² | | | | |

*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 | Curvefit |
|---------------------------------|----------|
| 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 | ✓ |
| More than 9ft | ✓ |
| Exterior Floors | |
| 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 | ✓ |
| Very Large Format Tiles | ✓ |
| Exterior Wall | |
| Up to 9ft | ✓ |
| More than 9ft | ✓ |
| Commercial spaces | ✓ |
| High Vibration areas | ✓ |
| Drywall Application | ✓ |

Physical Properties @ 25°C

| Variant | Curvefit |
|--|-------------|
| Mixing Ratio by weight | 0.30 - 0.32 |
| Mixed Density, kg/liter | 1.50 - 1.60 |
| Open Time, minutes (IS 15477: 2019) | Minimum 40 |
| Adjustability, minutes (IS 15477: 2019) | Approx. 40 |
| 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 | Curvefit | |
|-------------------------------------|-------------|--------------|
| Conforms to: | 4TS2 | |
| Testing Properties | Requirement | Test Results |
| 1. Tensile Adhesion Strength | | |
| a) Dry Condition, N/mm ² | Minimum 1.5 | >1.80 |
| b) Wet Condition, N/mm ² | Minimum 1.0 | >1.25 |
| 2. Shear Adhesion Strength | | |
| a) Dry Condition, N/mm ² | Minimum 1.5 | >1.70 |
| b) Wet Condition, N/mm ² | Minimum 1.0 | >1.25 |
| c) Heat Aging, N/mm ² | Minimum 1.0 | >1.60 |
| 3. Slip Resistance, mm | ≤ 0.5 | <0.3 |
| 4. Deformability, mm | ≥ 5.0 | >5.5 |

Properties As Per EN 12004: 2017

| Variant | Curvefit | |
|--|-------------|--------------|
| Conforms to: | C2TES2 | |
| Testing Properties | Requirement | Test Results |
| 1. Open Time | ≥ 0.5 | >0.8 |
| @ 20 minutes, N/mm ² | | |
| 2. Slip Resistance, mm | ≤ 0.5 | <0.3 |
| 3. Tensile Adhesion Strength | | |
| a) Initial, N/mm ² | ≥ 1.0 | >1.80 |
| b) After Water Immersion, N/mm ² | ≥ 1.0 | >1.25 |
| c) After Heat Aging, N/mm ² | ≥ 1.0 | >1.50 |
| d) After Freeze-Thaw Cycles, N/mm ² | ≥ 1.0 | >1.30 |
| 4. Transverse deformation, mm | ≥ 5.0 | >5.5 |





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