



LOOSE TILES KA EASY FIX

WHITE CEMENT KE ADVANTAGE WALA BIRLA WHITE TILESTIX

FINISH MAST. PAKKAD JABARDAST.



TILESTIX EXTERO GRIP+

It is a high polymer modified and highly flexible adhesive. It has enhanced properties like slip resistance, extended open time, and excellent bond strength. These features are necessary for fixing large format tiles, natural stones, and slim tiles at any height. Especially recommended for external conditions and substrates subject to deformation or vibrations.



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.
- 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 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 > 1.70 N/mm ²	Dry Condition > 1.60 N/mm ²	Approx. 60-70 ft ²	Type 4'TS1'	Type C2TES1	12 months
	Wet Condition > 1.20 N/mm ²	Wet Condition > 1.20 N/mm ²				
		Heat Aging > 1.50 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	Extero Grip+
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	Extero Grip+
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	Extero Grip+	
Conforms to:	4TS1	
Testing Properties	Requirement	Test Results
1. Tensile Adhesion Strength		
a) Dry Condition, N/mm ²	Minimum 1.5	>1.70
b) Wet Condition, N/mm ²	Minimum 1.0	>1.20
2. Shear Adhesion Strength		
a) Dry Condition, N/mm ²	Minimum 1.5	>1.60
b) Wet Condition, N/mm ²	Minimum 1.0	>1.20
c) Heat Aging, N/mm ²	Minimum 1.0	>1.50
3. Slip Resistance, mm	≤ 0.5	<0.3
4. Deformability, mm	≥ 2.5<5	≥3.5

Properties As Per EN 12004: 2017

Variant	Extero Grip+	
Conforms to:	C2TES1	
Testing Properties	Requirement	Test Results
1. Open Time @ 20 minutes, N/mm²	≥ 0.5	>0.7
2. Slip Resistance, mm	≤ 0.5	<0.3
3. Tensile Adhesion Strength		
a) Initial, N/mm ²	≥ 1.0	>1.70
b) After Water Immersion, N/mm ²	≥ 1.0	>1.15
c) After Heat Aging, N/mm ²	≥ 1.0	>1.50
d) After Freeze-Thaw Cycles, N/mm ²	≥ 1.0	>1.20
4. Transverse deformation, mm	≥ 2.5<5	≥3.5





BIRLA WHITE TILESTIX RANGE



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