



TECHNICAL DATA SHEET

TILE GRIP PREMIUM- INTERIOR & EXTERIOR FLOOR AND WALL TILE ADHESIVE

Description

ARKA TILE GRIP PREMIUM is a high-performance, polymer-modified Type 2 tile adhesive designed for fixing ceramic, vitrified, and natural stone tiles on interior walls and floors. It offers superior bond strength, extended workability, and excellent slip resistance. Suitable for both residential and commercial applications.

Areas of Application

- Ceramic tiles
- Vitrified tiles (regular & double charge)
- Natural stone (non-moisture sensitive)
- Interior floors & walls
- Plastered surfaces, cement screeds, and concrete substrates
- Idle for bathroom Tiling and Tile on Tile Applications

Technical Parameters

Sr.No	Particulars of Test	Result	Test Method Followed
			IS 15477 (RA 2019)
1	Shear Adhesion (Dry Condition) (in N/mm ²)		IS 15477 (RA 2019)
	a) 72 ± 1hr (3 days)	0.51	
	b) 168 ± 2hr (7 days)	0.78	
	c) 672 ± 4hr (14 days)	0.99	
	d) 672 ± 4hr (28 days)	1.26	
2	Open Time (min)	100	IS 15477 (RA 2019)
3	Pot Life (min)	140	IS 15477 (RA 2019)
4	Adjustment time (min)	110	IS 15477 (RA 2019)
5	Shear Adhesion (Heat Aging)	1.13	IS 15477 (RA 2019)
6	Shear Adhesion (Wet Condition)	1.09	IS 15477 (RA 2019)
7	Tensile Adhesion (Dry Condition)	1.17	IS 15477 (RA 2019)

Surface Preparation

- Ensure substrate is clean, dry, and sound.
- Remove dust, grease, paint, curing compounds.
- Pre-wet absorbent surfaces (without leaving standing water).

Mixing Instructions

- Pour clean water into a vessel.
- Add powder while mixing using a slow-speed mixer.
- Mix 3–5 minutes to form a smooth paste.
- Allow to stand for 5 minutes, then remix.
- Mixing Ratio (Powder : Water)- 3: 1

Application Method

- Apply adhesive with flat side of notched trowel.
- Comb adhesive with notched side for uniform thickness.
- Fix tiles within open time and press firmly.
- Clean excess material before it dries.
- Allow 24–48 hours before heavy traffic.

Supply

20 KG Bag



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