



TECHNICAL DATA SHEET

TILE GRIP CLASSIC- INTERIOR FLOOR AND WALL TILE ADHESIVE

Description

ARKA TILE GRIP CLASSIC is a polymer-modified, cementitious Type 1 tile adhesive designed for fixing ceramic and clay tiles on interior walls and floors. It offers excellent bonding, workability, and ease of application. Suitable for dry indoor areas and conforms to IS 15477:2019 Type 1.

Areas of Application

- Ceramic wall & floor tiles
- Clay tiles with water absorption > 3%
- Interior dry areas
- Masonry, plastered surfaces, cement screeds, and concrete substrates

Technical Parameters

Sl.No	Particulars of Test	Result	Test Method Followed	Requirements As per	
				IS 15477	EN12004/ ISO13007
1	Shear Adhesion (Dry Condition)		IS 15477 (RA 2019)		
	(in N/mm ²)				
	a) 72 ± 1hr (3 days)	0.8		-	-
	b) 168 ± 2hr (7 days)	1.01		-	-
	c) 672 ± 4hr (14 days)	1.26		-	-
	d) 672 ± 4hr (28 days)	1.28		Minimum 1.0	Minimum 1.0
2	Open Time (min)	80	IS 15477 (RA 2019)	-	-
3	Pot Life (min)	150	IS 15477 (RA 2019)	-	-
4	Adjustment time (min)	120	IS 15477 (RA 2019)	-	-
5	Shear Adhesion (Heat Aging)	1.01	IS 15477 (RA 2019)	-	Minimum 1.0 (ISO)
					Minimum 0.5 (EN)
6	Shear Adhesion (Wet Condition)	0.99	IS 15477 (RA 2019)	-	-
7	Tensile Adhesion (Dry Condition)	1.12	IS 15477 (RA 2019)	Minimum 0.5	Minimum 0.5

Surface Preparation

- Ensure substrate is clean, dry, level, and free from dust, grease, curing compounds.
- Remove loose particles and ensure surface is sound.
- Dampen very dry and absorbent surfaces before application, but avoid standing water.

Mixing Instructions

- Add measured clean water into a mixing vessel.
- Gradually add powder to water and mix using a slow-speed mixer.
- Mix until a smooth, lump-free paste is obtained.
- Allow the mixture to stand for 5 minutes and re-mix before application.
- Mixing Ratio (Powder : Water)- 3: 1

Application Method

- Apply adhesive to substrate using the flat side of a notched trowel.
- Comb the adhesive using the notched side uniformly.
- Fix tiles within the open time and press firmly to ensure full bedding.
- Clean excess adhesive before it hardens.
- Avoid traffic on tiled surface for at least 24 hours.

Supply

20 KG Bag



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