

CEMENT BASED TILE ADHESIVE

KERA-FIX TILE ADHESIVE IS TYPE 1

Advantages :

- **KERA FIX – TYPE 1** is a Nano Engineered, light weight, ready to use adhesive for fixing a variety of porcelain, ceramic, glazed and other tiles on an indoor basis. It can be applied on Internal walls for all types of tiles up to 2'x2'.

Benefits:

- Application on Internal walls – All types of tiles up to 2'x2'.
- Provides strength of class C1 T adhesive as per EN and TYPE 1 as per IS Norms.
- Provides high work ability.
- No water curing required.
- Provides Thixotropic (slip < 0.5 mm) for ease of application.
- High coverage with minimum 3 mm bed thickness and maximum up to 10 mm.
- Easy to use. Single component, just add water.
- Provides high bonding strength.
- Low VOC and suitable for green building.

Packing :

- 20 KG Bag

Shelf Life:

- 12 Months from the Date of Manufacturing.



Technical Properties:

Water ratio	Approx. 20% to 25% water ratio in percentage
Pot Life	2 hours
Thickness	Minimum 3 mm; Maximum 10 mm
Open Time	20 minutes
Adjustability	30 minutes
Initial setting	6-8 hours
Final setting	24 hours
Foot Traffic	After 24 hours
Grouting of Joints	After 24 hours
Coverage	Approx. 1.2 – 1.3 Kg/ m ² /mm
Application Temperature	+5°C to +42°C

Test Reports on Tile Adhesive: IS : 15477-2019

Sl.No.	Test Conducted	Average Results	Requirements As per IS: 15477-2019
			Type 1
1	Tensile Adhesion (N/mm ²)	0.89	Min. 0.5
	a) Dry Condition		
2	b) Wet Condition	0.47	-
	Shear Adhesion (N/mm ²)	1.12	Min. 1.0
	a) Dry Condition		
	b) Wet Condition		
c) Heat Ageing	0.92	-	
3	Slip (mm)	0.32	Shall not be more than 0.5 mm