

TRUBUILD TILE ADHESIVE TA 110

Ideal For Fixing Small Format Tiles On Floor



TECHNICAL DATA SHEET

VER NO. 1.1

TRUBUILD TILE ADHESIVE TA-110 is a single-component, ready-to-use, polymer modified, cement-based, grey tile adhesive for fixing tiles on floors in interiors.

Meets the requirement of IS 15477 :2004 & Type 1 adhesive.

ADVANTAGES



- Ready-to-use and only on-site mixing with water is required.
- It is suitable for tiling application in interiors.
- It has excellent adhesion and slip resistance properties.



AREAS OF APPLICATIONS



APPLICATIONS

- It is used for fixing all types of tiles on interior floors.

PROPERTIES	STANDARD
Floor	Yes
Wall	No
Interiors	Yes
Exteriors	No
Dry areas	Yes
Wet areas	No

AVAILABLE PACKING



20 kg stich bag

HOW TO USE

- Tiles should be rinsed with water completely to remove the dust & loose particles.
- For mixing take required amount of water in a mixing bucket and then add Trubuild Tile Adhesive TA-110 slowly to the mixing tub. Continue mixing with low speed mechanical mixture while charging powder into the water in a mixing bucket. Always maintain adhesive to water mixing ratio 3:1 by volume (5 L to 5.5 L per 20kg bag).
- Mixing time should not be more than 3 to 5 min. After mixing, wait for 1-2 minutes and then use it for application.
- Apply mix material on the surface such that we can achieve 3-5 mm bed thickness, spread it with the help of notched trowel, do not spread in more than one sqmt. of area at a time. Press the tile firmly & hammer gently with soft mallet to ensure perfect bond.
- Clean the excessive adhesive from the joints.
- For best results use Trubuild Tile grout of required colour to fill the gaps between the tiles but the same should be strictly done after 24 hrs of tile application
- Leave the area where the tile is applied, area untouched for a minimum of 24 hrs.
- Clean the tools & equipments with clean water immediately after use.

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TECHNICAL DETAILS

PROPERTIES	STANDARD	RESULTS
Appearance		Grey
Mixing ratio		25% to 27.5% water by weight of the powder
Open time	IS 15477:2004	Approx. 10-15 minutes at 25°C
Pot life	IS 15477:2004	Approx. 20 minutes at 25°C
Coverage		30 - 35 sqft/20 kg bag at 5 mm thickness
Trafficable time		24 hrs (max.)
Curing time		14 days at 30°C-70% overall strength achieved
Shear strength (dry condition : 14 days under laboratory conditions)	IS 15477:2004	8 KN
Shear strength (24 hours under laboratory condition)	IS 15477:2004	2.83 KN
Heat ageing (for 7 days normal laboratory condition + 7 days storage in oven at a temperature 100± 2°C)	IS 15477:2004	4.5 KN
Wet condition (for 7 days normal under laboratory condition +7 Days immersion in water at laboratory temperature)	IS 15477:2004	5.0 KN

ADDITIONAL INFORMATION

LIMITATIONS & PRECAUTIONS

- It is a ready-to-use tile adhesive so do not add sand and cement further and always add recommended percentage of water.
- Do not use for vertical cladding of heavy tiles.
- To avoid formation of lump always add powder to water and not water to powder.
- Strictly not to be used as an adhesive on paint, wood, metal & gypsum plaster.
- Bed thickness recommended is max 5 mm.
- Tile adhesive should cover min. 95% of the tile surface area.
- Recommended for concrete, cement plaster, mortar screed. For any other substrate please contact technical service team before commencing the job.

NOTE- Substrate should be fully cured before application.

HANDLING PRECAUTIONS

Provide adequate ventilation in the application area. Use rubber hand gloves & safety goggles. In case of contact with skin, wash with plenty of water. If irritation occurs then consult with doctor immediately. Keep it out of reach from children.

STORAGE

Product should be stored in a dry place strictly away from moisture.

SHELF LIFE

12 months in its unopened sealed original packaging in a strictly dry and cool storage place.

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