

TILE ADHESIVE



TECHNICAL DATA SHEET



PRODUCT DESCRIPTION

JINDAL Air Tile Adhesive – 110 is Ecofriendly premix mortar consisting of high performance polymers & self – curing polymers, well graded sand, cement, which is used for fixing small size tile fixing etc. Tile Adhesive ready to use grey cement based tile adhesive used for small sized ceramic & mosaic tiles for internal application. (Both walls & Floor) JINDAL Air Tile Adhesive – 110 is basic (CO) tile adhesive for use small size tile fixing. JINDAL Air Tile Adhesive 110 as per confirm IS: 15477 – 2004 for tile adhesive.

KEY FEATURES

HIGH BOND STRENGTH:

It has excellent adhesive properties and bond better to substrate.

HIGH SAG RESISTANCE:

Thixotropic formula, No-Sag, for easy application.

EXTENDED OPEN TIME:

Specially added polymers impart extended open time, leading to higher flexibility at the time of application.

NO SHRINKAGE:

Water is retained in mortar, thus prevent shrinkage.

ZERO WASTAGE:

It is easy to apply and avoid wastage of material.

ECONOMICAL & TIME SAVING:

It is applied in thin layer which leads to cost saving & being premixed in nature saves times.

WORKABILITY:

Improve Workability Flow, water retention and open time due to high performance polymers.

ECO-FRIENDLY:

JINDAL Air block adhesive – TBJM is manufacturing in factory by products of industry helps to reduce carbon footprint at the time no water required for curing helps save water resources.

SELF LIFE:

Due to retention polymers, curing is not essential after the application.

COVERAGE

A 20Kg bags of JINDAL Air Tile Adhesive 110 covers 55-60 Sq. ft. at coverage 3mm thickness. Coverage depends upon quality and nature of substrate being used also depends on application method, surface condition and masonry work.

TECHNICAL PROPERTIES

| MIXED DENSITY: 1.50-1.70 Kg/Ltr. | | BULK DENSITY: 1.40-1.60 Kg/Ltr. |
|----------------------------------|-------------------------|---------------------------------|
| POT LIFE: 120-180 minutes | | OPEN TIME: 10-20 minutes |
| PARAMETER | | VALUE |
| TENSILE ADHESION | DRY CONDITION | ≥ 750N |
| | WET CONDITION | ≥ 450N |
| SHEAR ADHESION | DRY CONDITION (24 HRS) | ≥ 2.50KN |
| | DRY CONDITION (14 DAYS) | ≥ 4.00KN |
| | HEAT AGING CONDITION | ≥ 4.00KN |
| | WET CONDITION | ≥ 4.00KN |

METHOD STATEMENT

SURFACE PREPARATION

- Concrete surfaces should be clean, sound and free from oil, grease, cement laitance and all loosely adhering particles.
- Absorbent surfaces should be saturated thoroughly.

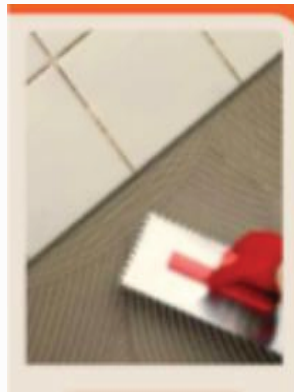
MIXING

- The Recommended mortar consists of 4 to 5 litres water for 20 Kg Powder.
- Mix well with a hand trowel for small volume.
- For large volume mixing. A slow speed drill is recommended.



APPLICATION

- Pre – soak the repair surface with clean water and then allow surface to dry (Surface Saturated Dry – SSD)
- Apply the surface with a mortar of JINDAL Air Tile Adhesive using “U” notched trowels for small tiles.
- Apply thin layer of a mortar of JINDAL Air Tile Adhesive a “U” notched trowels on back side. Apply the surface with a mortar of JINDAL Air Tile Adhesive using square notched trowels for bigger tiles & fix tiles.



JOINT FEELING APPLICATION

Joint felling application (Tile Grouting) waiting time for grouting (JINDAL Air tile Grout can be used) for Wall & Floor after 24 hours (depending on temperature)

PACKING SIZE: - 20KG

NOTE

- Minimum thickness to be applied is from 3mm to take care of the undulation in the surfaces as well as to ensure 100% transfer leading to good bonding strength and avoid air voids.
- Coverage as per depending on masonry work, surface condition, application method etc.

SHELF LIFE & STORAGE

- 12 months from date of manufacturing in sealed condition.
- Store in cool and dry place.

Health & Safety: JINDAL Air Tile Adhesive is non-toxic. Use of gloves and goggles is recommended. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, medical advice should be sought. JINDAL Air components are non-flammable.

Manufacturing by: Future Ecocrete Pvt. Ltd. Block #10 to 20, Israna Pardhana Road, Vill. Pardhana, PANIPAT

Marketed by: Peeco Agencies Pvt. Ltd. 901, The Palm square, sector – 66, Gurgaon (HR)

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SCOPE

JINDAL Air Tile Adhesive is carefully proportioned cementitious mixture that high quality & well graded sand, cement, & High Performance which is used for Tile Fixing. It is selfcuring Polymer modified dry mortar.

1. PRELIMINARY WORKS AND SURFACE

- 1.1 Tiles surface and application surface should be well cleaned
- 1.2 Surface needs to be pre-wetted with water.

2. MIXING

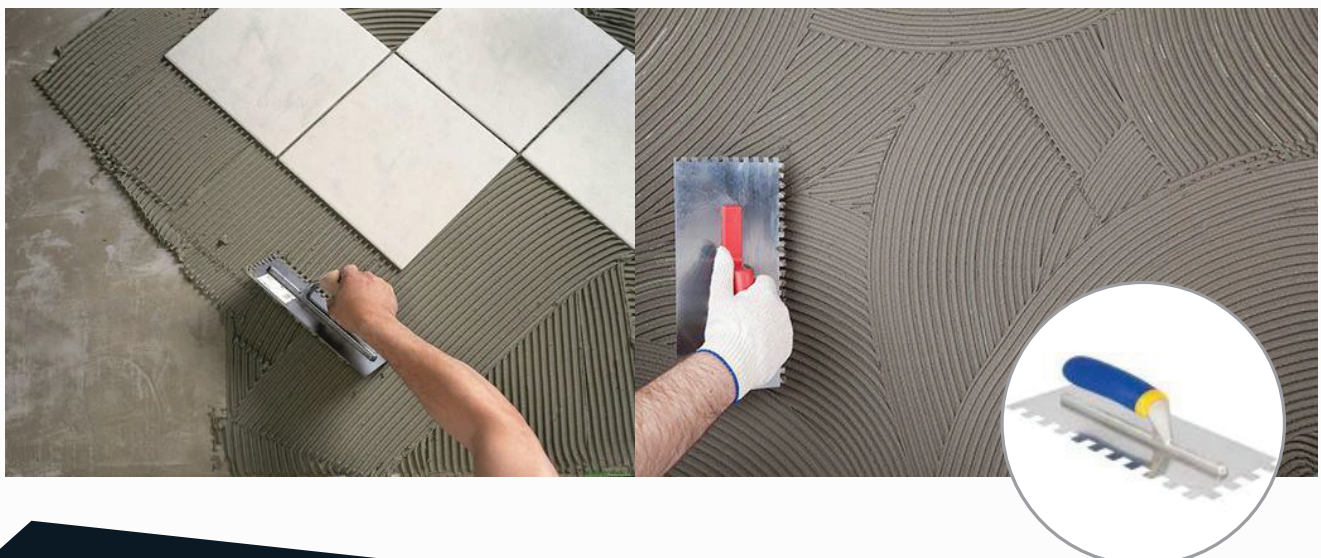
- 2.1 The recommended mortar consists of 4 to 5 litres water for 20 kg Powder.
- 2.2 Mix well with a hand trowel for small volume.
- 2.3 For large volume mixing. A slow speed drill is recommended.



3. APPLICATION

- 3.1 Pre-soak the tiles with clean water and then allow surface to dry (Surface Saturated Dry – SSD).
- 3.2 Apply thin layer of a mortar Of Tile Adhesive using a “U” notched trowels on Tiles and application surface.

4. TILES FIXING







5. CURING

For most ambient conditions, no curing is required. In fast drying conditions such as direct sun or warm strong winds contacts, special curing like mist curing & spraying and temporary covering may be required.

For any further clarification don't hesitate to contact JINDAL Air Technical Department.

Technical Department

The information, and, in particular, the recommendations relating to the application and end-use of JINDAL Air products, are given in good faith based on JINDAL Air current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request.



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