

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.

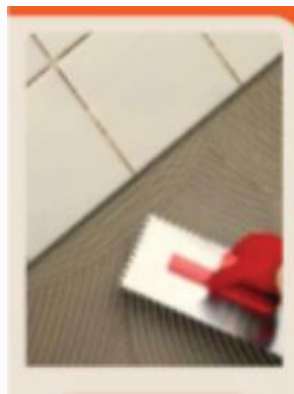
MIXING

- 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)