

NUVOCO ZERO M TILE BONDER

IMPROVES ADHESION & WORKABILITY, ECONOMICAL TO USE

DESCRIPTION

NUVOCO ZERO M Tile Bonder is a polymer based additive that is mixed with cement/ cement & sand for tile fixing. It is recommended for floor application to fix different types of tiles and stones.

FEATURES & BENEFITS



Superior Adhesion



Improves workability



Economical



Easy to use



AREA OF APPLICATION, TYPE & RECOMMENDED SIZE OF TILES

AREAS OF APPLICATION	TYPE OF SUBSTRATE	TYPE OF TILES	RECOMMENDED TILE SIZE*
<ul style="list-style-type: none"> Internal flooring (for dry areas) Tile fixing (horizontal application) - screed, machaan, etc. 	Cement-based substrates like cement plaster, cement concrete, cement screed.	Ceramic tiles	up to < 300 X 300 mm (< 1 Ft x 1 Ft)

*Tile Size mentioned are as per IS. This may vary from site to site during actual application

TECHNICAL INFORMATION

PROPERTIES	TYPICAL RESULTS
Physical Appearance	White free flow powder
Tentative Mixing Ratio (Water: Powder)	300gm Pouch to be mixed with 50Kg cement & then add required amount of water (15-20 liters for 50Kg bag of cement)
Wet Density (suffix)	1.8 ± 0.1 gm/cm ³
Coverage* (300gm pouch + 50Kg cement)	Approx 120 – 140 Sq Ft
Application temperature	5-40 °C
Foot Traffic	After 24 hours

*Coverage will vary depending on Porosity of substrate at site conditions.

PROPERTIES AS PER IS 15477: 2019 @ 27 ± 2°C

TESTING PROPERTIES	REQUIREMENT	NUVOCO ZERO M TILE BONDER
Shear Adhesion, Dry condition	> 1.0 N/mm ²	1.1 N/mm ²
Tensile Adhesion, Dry Condition	> 0.5 N/mm ²	0.8 N/mm ²
Open Time	As per Manufacturer	Approx. 15-20 mins
Adjustability / Adjustment Time	As per Manufacturer	Approx. 15-20 mins
Pot Life	As per Manufacturer	Approx. 30 mins
Slip Resistance (T)	< 0.5 mm	0.29 mm

Note – above test results are tested at std laboratory conditions. Test result may vary depending on actual site condition, substrate, testing machine etc.,.

METHOD OF APPLICATIONS

STEP 1 - SURFACE PREPARATION:



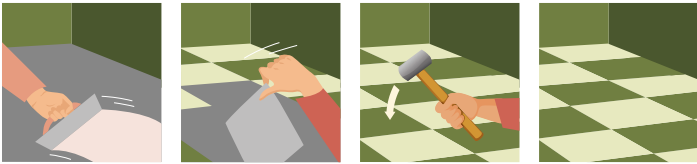
- Surface must be clean, free from contamination and should be in SSD (Saturated Surface Dry) condition.

STEP 2 - MIXING:



- Mix NUVOCO ZERO M TILE BONDER 300 gm pouch in 1 bag of 50 kg cement. To this premix add desired quantity of water to make required slurry with good workable consistency. Use Paddle mixer for 2 to 3 minutes & allow the mix to stand for 2 minutes before actual usage.

STEP 3 - APPLICATION:



- Apply NUVOCO ZERO M TILE BONDER slurry on machaan (with 1/2 mm bed thickness). Carefully place the tile onto wet, sticky slurry. Fix tile firmly into position with a sliding motion and hammer it gently with soft mallet to assume a better bond. Leave adequate & desirable joints between the tiles by using spacers and if required fill it with NUVOCO ZERO M TILE GROUT.

PRECAUTIONS & LIMITATIONS

- Always mix NUVOCO ZERO M TILE BONDER with cement & then add this premix to water.
- Must be mixed thoroughly with clean water for a minimum of 3 minutes.
- Always add powder to water.
- Protect from direct rainfall/ foot traffic for at least 24 hrs.
- Place tiles within 10 minutes of mixing and press firmly with twisting movement.
- Do not add excess water than recommended.
- Do not use on dry screed.
- Do not use it to correct surface irregularities greater than 15 mm and cover expansion joints.

SAFETY INSTRUCTIONS

- Always use rubber gloves, mask and protective eyewear during application, as exposure may cause itching or irritation.
- In case of contact with skin & eyes wash with plenty of water & seek medical attention.
- Keep away from children, food items, and direct sunlight.
- Harmful if swallowed; in case of accidental ingestion, seek immediate medical attention.
- Dispose of leftover product responsibly as per regulations.

STORAGE AND SHELF LIFE

12 months for sealed pack when stored under cover, out of direct sunlight, dampproof condition and protect from extremes of temperature.

DOSAGE

300gm pouch to be mixed with 1 bag of 50 kg cement along with 15-20 Litre water. (Water can be adjusted to the desired consistency based on application).

PACKAGING: 300gm pouch

 Toll free: 1800 345 6666 |  Whatsapp 'NUVOCO' to 98300 17272

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