

# NUVOCO ZERO M TILE ADHESIVE T2

NON-SHRINK CEMENT BASED ADHESIVE FOR VITRIFIED TILES & TILE-ON-TILE APPLICATION.

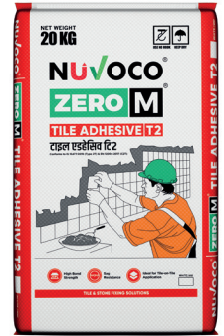
**DESCRIPTION:**

NUVOCO ZERO M TILE ADHESIVE T2 is a polymer-modified thin-set cement-based tile adhesive for fixing all types of Vitrified/fully vitrified tiles, glass mosaic tiles, stone tiles & slabs of regular size. It is suitable for both vertical and horizontal surfaces, over the cementitious substrate for indoor application, in dry & wet areas. It is also recommended for Tile-on-Tile application.

**STANDARD COMPLIANCE:** Conforms to IS 15477:2019 (Type 2T) & EN 12004:2017 (C2T)

**FEATURES:**

-  High Bond Strength
-  Sag Resistance
-  Ideal for Tile-On Tile Application
-  Water Resistant
-  Easy to Use
-  Eco Friendly



**AREA OF APPLICATION, TYPE & RECOMMENDED SIZE OF TILES**

AREAS OF APPLICATION	TYPE OF SUBSTRATE	TYPE OF TILES	RECOMMENDED TILE SIZE*
• Interior and exterior floors and wall. • Wet areas - kitchen, toilets, swimming pool, bathrooms, etc. • New constructions and renovations. • Domestic and commercial applications. (Consult with Nuvoco technical team for wall application up to 3m height)	Cement-based screeds & mortars, cement-based plasters/renders, concrete surfaces, bricks, AAC blocks, existing tiles & stones, other cement-based surfaces.	Vitrified/fully vitrified tiles, Glass mosaic tiles, Stones tiles & slabs (All types)	For tile size upto 600mm x 600mm (upto 2ft. x 2ft.)

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

**TECHNICAL INFORMATION**

PROPERTIES	TYPICAL RESULTS
Physical Appearance	Cementitious free flow powder
Mixing Ratio by weight	0.25 - 0.30 by weight
Wet Density	1.65 - 1.80 Kg/liter
Adhesive Thickness	3 - 12 mm
Coverage* at 3mm thickness	50 - 55 sq.ft. / 20kg
Application temperature	5 - 35°C
Setting/Trafficable/Grouting Time	After 24 hours

\*Coverage may vary based on trowel notch size, tile type and size, and substrate evenness. Calculations are based on a 6x6x6 mm size notch trowel at 27°C under standard laboratory conditions

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

TESTING PROPERTIES	REQUIREMENT	Zero M Tile Adhesive T2
Tensile Adhesion Dry @ 28 days	≥1.0 N/mm <sup>2</sup>	≥ 1.0 N/mm <sup>2</sup>
Tensile Adhesion wet @ 28 days	≥1.0 N/mm <sup>2</sup>	≥ 1.0 N/mm <sup>2</sup>
Shear Adhesion Dry condition	≥1.25 N/mm <sup>2</sup>	≥ 1.25 N/mm <sup>2</sup>
Shear Adhesion wet condition	≥1.0 N/mm <sup>2</sup>	≥ 1.0 N/mm <sup>2</sup>
Shear Adhesion heat ageing	≥1.0 N/mm <sup>2</sup>	≥ 1.0 N/mm <sup>2</sup>
Open Time	As per Manufacturer	> 20 mins
Adjustment Time	As per Manufacturer	> 15 mins
Pot Life	As per Manufacturer	> 90 mins
Slip Resistance	≤ 0.5 mm	≤ 0.5 mm

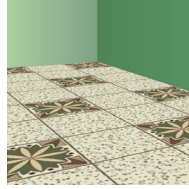
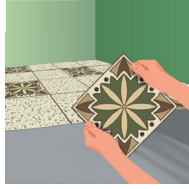
## APPLICATION INSTRUCTIONS:



- **STEP 1 - SURFACE PREPARATION:**  
Surface must be clean, free from contamination and should be in Saturated Surface Dry (SSD) condition.



- **STEP 2 - MIXING:**  
Add 4-6 litres for 20Kg powder in a clean mixing vessel.  
Add powder to water and mix slowly to get uniform lump-free consistency.



## • STEP 3 - APPLICATION:

- Apply NUVOCO ZERO M TILE ADHESIVE T2 on the wall or floor using the flat side of the trowel and comb with notched side.
- Use the proper sized notched trowel to ensure full bedding of the tile.
- Tiles must be fixed within 15-20 minutes of adhesive being applied, depending on the porosity of the surface and atmospheric conditions.
- Check the adhesive ribs periodically and if a skin has formed, remove the dried adhesive and apply fresh adhesive.
- Press the tiles firmly into position with a slight twisting action, checking periodically that good contact is maintained with the back of each tile and beat in using rubber mallet to embed tile and adjust level.
- Leave no voids behind tiles.
- Leave adequate & desirable joints between the tiles by using spacers.
- Clean off excessive adhesive between the joints & on tiles with a damp cloth.
- Clean tools and tile work immediately with water before the adhesive sets.

## PRECAUTIONS:

- Do not add excess water than recommended.
- Never add sand & cement at site.
- Do not use on wet screed. Surface must be fully cured.
- Do not use the adhesive to correct surface irregularities greater than 15 mm.
- Protect from direct rainfall/ foot traffic for at least 24 hours.
- Leave gap between the tile & fill gaps with NUVOCO ZERO M TILE GROUT.

## 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 off the leftover product responsibly as per regulations.
- Designer/ applicator must evaluate the use of an additional mechanical fastening system for extra security for high height (such as steel hooks fastened to the substrate).

## STORAGE AND SHELF LIFE

12 months from date of manufacturing for sealed pack when stored under cover & away from direct sunlight. Protect from extremes of temperature and damp conditions.

**AVAILABLE COLOURS** Grey & White

**PACKAGING** 20 Kg bag

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

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