

# NUVOCO ZERO M EPOXY TILE GROUT

A SOLVENT FREE TWO-PART EPOXY GROUT FOR HORIZONTAL & VERTICAL APPLICATIONS

## DESCRIPTION:

NUVOCO ZERO M EPOXY TILE GROUT is a solvent free two-part epoxy grout for horizontal and vertical applications. It has high compressive, flexural and shear adhesion strength. It is resistant to acids, alkalis, corrosive agents, cleaning agents, and salt water.

## STANDARD COMPLIANCE/ SPECIFICATION:

Confirms to FG as per EN 13888:2009

## FEATURES:



Stain Resistant



Bacteria & Fungal Resistance



Non-Shrink



Polymer Modified



Available in 24 shades



Excellent Bonding



## AREA OF APPLICATION, TYPE OF SUBSTRATE & TILES

AREAS OF APPLICATION	TYPE OF SUBSTRATE	TYPE OF TILES
<ul style="list-style-type: none"> <li>Wet areas like - Kitchen, Bathroom, swimming pools etc.</li> <li>Interior floor application for dry areas - Living room, bedroom, balconies etc.</li> <li>Industrial applications - plants, laboratories, dairies, etc.</li> </ul>	All types of tiles and natural stone tiles	Recommended for ceramic, vitrified tiles and non-vitrified tiles and stone tiles

## TECHNICAL INFORMATION

PROPERTIES	TYPICAL RESULTS
Physical Appearance	Resin (Part A), Hardener (Part B)
Tentative Mixing Ratio (Resin: Hardner)	9:1
Physical appearance of mixed consistency	Smooth creamy paste
Mixed material Density	1.61 kg/Litre
Sag Resistance	No Sag
Joint Width	2-20 mm
Pot life	50 mins
Application temperature	10 -35 °C
Light Foot Traffic	24 Hrs
Regular Traffic	72 Hrs

## PROPERTIES AS PER EN 13888 : 2009 @ 27 ± 2°C

TESTING PROPERTIES	REQUIREMENT	TEST RESULTS
Compressive Strength, 28 days at Std Conditions	≥ 45 N/mm <sup>2</sup>	47 - 50 N/mm <sup>2</sup>
Flexural Strength	≥ 30 N/mm <sup>2</sup>	35-37 N/mm <sup>2</sup>
Abrasion Resistance	≤ 250 mm <sup>3</sup>	Pass
Shrinkage	< 1.5 mm/m	0.5 - 0.8 mm/m
Water Absorption after 240 mins	≤ 0.1 ml	0.024 - 0.038

## APPLICATION INSTRUCTIONS

### • SURFACE PREPARATION & MIXING



• The surface should be thoroughly cleaned & freed from loose particles, wax, grease, oil and polish. • Shake the bottle of Hardener and stir the Base prior to mixing • Pour Part A (Resin) & Part B (Hardener) into a clean mixing pail. • Mix thoroughly by hand or with a slow speed mixer (<300 rpm) until liquids are completely blended • Avoid entraining air by mixing at very high speed or by over-mixing. • Use the paste within 45 - 60 minutes from mixing

### • APPLICATION



• Using a hard rubber squeeze/ grout floater, press the grout firmly into the joints. • Hold the float at a 90° angle and pull it at a 45° angle diagonally across the joints and tile to avoid pulling out the material. • Work in small areas to have better control on removing the excess grout from joints and surface by moving the squeeze diagonally to the grout lines. • Ensure that joint is filled completely, and grout is not just sitting on top

### • CLEANING & FINISHING



• Clean off the surplus grout from tile joints and tiles within 30-45 minutes/ before the product dries. • Initially use a rough textured sponge dampened with water to remove the grout residue.

## COVERAGE

TILE SIZE (MM)	TILE THICKNESS (MM)	JOINT WIDTH (MM)	COVERAGE (KG/SQ.M)
300x300	6	2	0.14 kg/sq.m
600x450	8	5	0.32 kg/sq.m
450x300	7	5	0.42 kg/sq.m
600x600	8	5	0.27 kg/sq.m

1. For kg/sq.ft. coverage, divide the above mentioned coverage by 10.764.

2. Coverage may vary as per the workmanship and site conditions.

### MIXING RATIO:

One pouch of resin to be used with one bottle of hardener.

This product consists of two components- Part A (4,5Kg resin in pouches) + Part B (0.5Kg hardener in bottles) and should be used together.

### 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 and containers responsibly as per regulations.

### PRECAUTIONS

• Do not use it in areas which are exposed to harsh chemicals & extreme/ critical conditions. • Do not use non-diluted acid to clean joints. • Do not apply on wet/damp tile joints. Always apply on completely dry tile joints. • Do not over-mix the material. Over-mixing can reduce the pot life. • Do not allow water to flow/run into un-grouted joints while application. • In case of grouting natural stones, it is necessary to execute a preliminary test, to verify the absorption of colour by the stone slabs. To avoid this problem, mask the tiles before grouting. A sealer or grout release may be required.

### STORAGE AND SHELF LIFE:

24 months for sealed pack when stored under cover & out of direct sunlight. Protect from extremes of temperature.

**PACKAGING:** Net Quantity 5 kg (4.5 kg Resin + 0.5 kg Hardener)

**AVAILABLE:** in 27 colors

**TECHNICAL SUPPORT:** For support or site-specific queries, contact our customer care or your nearest Nuvoco representative.

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

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