



VURA **FasTile**™

Ceramic & Vitrified

TILE ADHESIVE FOR CERAMIC & VITRIFIED TILES

Polymer fibre modified cement based adhesive with no vertical slip, suitable for fixing ceramic and Vitrified tiles for floors and walls in internal applications.

CHARACTERISTICS

- C1 T compliant with EN 12004 standard
- Type 2 T as per IS 15477-2019
- For ceramic and Vitrified tiles
- No vertical slip
- Application up to 10 mm
- Prolonged workability
- Adjustable
- Excellent workability
- Tile on Tile application on the floor



Power
Polymers



Vitrified
Tiles



Humid
Areas



Frost
Resistant

SCOPE OF USE

- **VURA FasTile** is a tile adhesive certified as C1 T (according to EN 12004) and Type 2 T (as per IS 15477-2019) designed for Vitrified tiles and ceramic tiles (glazed, terra cotta)

Indoor use:

- On horizontal and vertical surfaces
- On Cement and cement-lime plaster, cement screeds, cement ground coats and concrete

SUBSTRATE PREPARATION

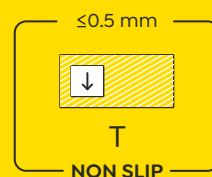
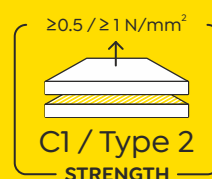
Adhesive can be applied on even and compact substrates, free of any substances that reduce adherence (grease, bitumen, oil, paint, dust etc.). Concrete should be at least 1 month old. Cement screeds and plasters should be fully cured. Anhydrite (residual moisture below 0.5%) substrates should be mechanically roughened and cleaned from dust. Aerated concrete should be free from dust. Substrates must not be wet. Any existing dirt, loose layers and paint coating shall be mechanically removed. Absorbent substrates shall be dampen and remove excess water before application.

APPLICATION

Pour **VURA FasTile** into a container with the precisely measured amount of clean water and stir with a drill and mixer until a homogeneous mass without lumps is obtained. Leave for 5 min. and then stir again. Apply the mortar with a suitable notched trowel. Use the proper sized notch trowel to ensure full bedding in the tile. Do not soak tiles in the water. The back buttering method shall be used for larger tiles and for outdoor applications (ie. additionally a thin layer of the mortar should be spread on the tile's back side, contact area > 90%). Place the tiles only during the open time of the adhesive. Fresh excess mortar can be removed with water, hardened material can only be removed mechanically. Grouting on the wall can be done after 8 hrs in (Vitrified tiles) and after 24 hrs in porous tiles using VURA grouts. Floors are set to light traffic after approx. 24 hrs. Expansion joints, joints at the corners of walls and floor and around sanitary equipment shall be filled with suitable sealants or shall be treated with appropriate treatment.

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Compliance With
IS 15477

Vura Bau-Chemie LLP
1302, 13th Floor,
Elite Business Hub, Sola,
Ahmedabad 380060,
Gujarat, India.
www.vura.ae

+91 79 4849 2890
care@vura.ae





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PLEASE NOTE

- Applications should be carried out in dry conditions. All data refers to $\pm 23^{\circ}\text{C}$ / R.H. 50% and $\pm 27^{\circ}\text{C}$ / R.H. 65%. In different conditions it should be taken under consideration faster or slower material drying.
- Spread not more than the areas which can be tiled with in the open time of the adhesive.
- For grouting, It is recommended to use VURA tile grouts. VURA SiGro, VURA Oxi & VURA Oxi 3K grouts should be used for grouting indoors, outdoors and covered exterior areas. In the case of substrates exposed to increased chemical and mechanical aggression, use VURA SiGro grout or better VURA Oxi or VURA Oxi 3K Epoxy grouts.
- In the case of laying tiles prone to color changes, sample tests must be necessarily be carried out in order to check whether the mortar causes no fading / discoloration of the tiles.
- Hardening can be accelerated or delayed and that the product itself is subject to local conditions

GENERAL DATA

1. Color : Grey & White
2. Pack size : 20 Kg Grey & White bag
40 Kg Grey & White bag (For project sale only)
3. Base : Mixture of cements with mineral fillers and modifiers

TECHNICAL DATA

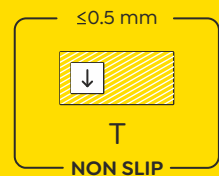
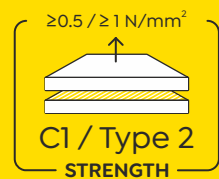
1. Bulk Density : Grey 1.42 g/cc
White 1.39 g/cc
2. Mixing Proportion : 4.2 - 4.4 L of water (21% - 22% by weight)
for 20 Kg Grey/White bag
8.4 - 8.8 L of water (21% - 22% by weight)
for 40 Kg Grey/White bag
3. Pot Life : 4 hrs.
4. Achieved Thickness : Up to 10mm
5. Application Temperature : From $+5^{\circ}\text{C}$ to $+35^{\circ}\text{C}$
6. Grouting : After approx. 24 hrs
7. **According to EN12004:2017 Standard @ $23 \pm 2^{\circ}\text{C}$**

Test Conditions	Requirements	Grey/White Value In Range
Tensile Strength (N/mm ²)		
• Initial (Dry Condition)	$\geq 0.50 \text{ N/mm}^2$	0.80-1.15 N/mm ²
• After Water Immersion	$\geq 0.50 \text{ N/mm}^2$	0.60-1.10 N/mm ²
• After Heat Ageing	$\geq 0.50 \text{ N/mm}^2$	0.70-1.10 N/mm ²
• After Freeze/Thaw cycles	$\geq 0.50 \text{ N/mm}^2$	0.80-1.00 N/mm ²
Open Time (E) @20 minutes	$\geq 0.5 \text{ N/mm}^2$	0.55-0.65 N/mm ²
Slip (T)	$\leq 0.5 \text{ mm}$	0.20-0.40 mm
8. **According to IS15477:2019 Standard @ $27 \pm 2^{\circ}\text{C}$**

Test Conditions	Requirements	Grey/White Value In Range
Tensile Adhesion (N/mm ²)		
a) Dry Condition	$\geq 1.00 \text{ N/mm}^2$	0.80-1.15 N/mm ²
b) Wet Condition	$\geq 1.00 \text{ N/mm}^2$	0.60-1.10 N/mm ²
Shear Adhesion (N/mm ²)		
a) Dry Condition	$\geq 1.25 \text{ N/mm}^2$	1.30-1.40 N/mm ²
b) Wet Condition	$\geq 1.00 \text{ N/mm}^2$	1.05-1.15 N/mm ²
c) Heat Ageing	$\geq 1.00 \text{ N/mm}^2$	1.05-1.15 N/mm ²
Open time (Minutes)	Not Specified	20 mins
Adjustability (Minutes)	Not Specified	25 mins
Slip (T)	$\leq 0.5 \text{ mm}$	0.20-0.40 mm
9. Temperature resistance : From -30°C to $+75^{\circ}\text{C}$
10. Coverage : Consumption may vary depending on the evenness on the substrate, trowel notch size, type of tiles / stone and the application technique
11. Approximate consumption : As a guide : 1.2 kg / m² / mm of thickness
12. Set to light foot traffic : 24 hrs.
13. Ready for use : 14 days
14. Shelf life : Until 15 months since the date of production when stored in undamaged dry conditions and original packaging.

The product is compliant with the EN 12004 / ISO 13007 and IS 15477-2019 standard.

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PRODUCT SAFETY

Product contains cement, strongly alkaline reaction with moisture, so protect skin and eyes. After contact wash immediately with plenty of water. After eye contact also seek medical advice. It is recommended to use protective gloves and goggles. For further and complete information about the safe use of our product, please refer to the latest version of our Material Safety Data Sheet.

OTHER INFORMATION

Should you need support or advice, please consult our advisory service for architects and craftsman on the contact information you will find on the local VURA website.

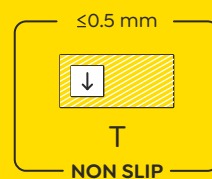
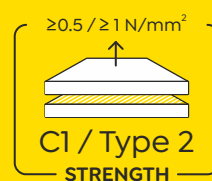
Apart from the information given here it is also important to observe the relevant guidelines, regulations and common standards of various organizations and trade associations. The afore mentioned characteristics are based on practical experience and applied testing. Confirmed properties and possible uses which go beyond those listed in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23° C and 50 % relative air humidity unless specified otherwise. Please note that under other climatic conditions, hardening can be accelerated or delayed and that the product itself is subject to local conditions.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of willful misconduct or gross negligence on our part or unless there is a case of personal injury or death or a case of liability under the Product Liability Act.

This technical data sheet supersedes all previous editions relevant to this product. Please be aware that this Technical Data Sheet only relates to a product manufactured in the specific relevant production site.

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