



VURA KrafTileTM

POLYMER MODIFIED NORMAL TILE ADHESIVE

Cementitious Polymer modified adhesive with No Vertical Slip, suitable for fixing Ceramic and Vitrified Tiles for floor and wall internal application.

CHARACTERISTICS

- C 1 T as per EN 12004
- Type 1 T as per IS 15477:2019
- For Ceramic and Vitrified Tiles
- Grouting on the wall only after 8 hour
- Application up to 10mm
- For floor & wall interior application
- Adjustable
- Excellent workability
- No vertical slip
- Economical & easy to use

SCOPE OF USE

- **VURA KrafTile** is a tile adhesive certified as C 1 T (as per EN 12004) and Type 1 T (according to IS 15477:2019) designed for tiles (>3% porosity).

Indoor use:

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

SUBSTRATE PREPARATION

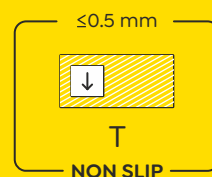
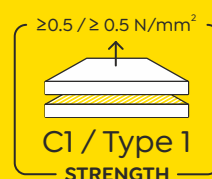
Adhesive can be applied on even and compact substrates, free of any substances that reduce adherence (grease, bitumen, oil, paint, dust etc.). Concrete should be at least 1 month old. Cement screeds and plasters should be fully cured. Substrates should be mechanically roughened and cleaned from dust. 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 KrafTile** 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. (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 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 sealants or shall be treated with appropriate treatment.

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Compliance With
IS 15477

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PLEASE NOTE

- Applications should be carried out in dry conditions. All data refers to $\pm 27^{\circ}\text{C}$ and R.H. 65% (as per IS 15477:2019) and $\pm 23^{\circ}\text{C}$ and R.H. 50% (as per EN 12004). In different conditions it should be taken under consideration faster or slower material drying.
- Spread not more than the areas which can be tiled within 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 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

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.

GENERAL DATA

1. Color : Grey
2. Pack size : 20 Kg bag
40 Kg bag (For project sale only)
3. Base : Mixture of cements with mineral fibers and polymers additives

TECHNICAL DATA

1. Bulk Density : 1.40 g/cc
2. Mixing Proportion : 4 - 4.4 L of water (20% - 22% by weight) for 20 Kg bag
8 - 8.8 L of water (20% - 22% by weight) for 40 Kg bag
3. Pot Life : 1.5 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	Value In Range
Tensile Strength (N/mm ²)		
• Initial (Dry Condition)	$\geq 0.50 \text{ N/mm}^2$	0.55-0.80 N/mm ²
• After Water Immersion	$\geq 0.50 \text{ N/mm}^2$	0.50-0.70 N/mm ²
• After Heat Ageing	$\geq 0.50 \text{ N/mm}^2$	0.60-0.80 N/mm ²
• After Freeze/Thaw cycles	$\geq 0.50 \text{ N/mm}^2$	0.55-0.75 N/mm ²
Open Time (E) @20 minutes	$\geq 0.5 \text{ N/mm}^2$	0.50-0.60 N/mm ²
Slip (T)	$\leq 0.5 \text{ mm}$	0.20-0.40 mm

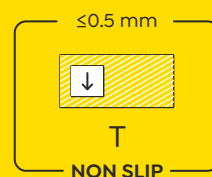
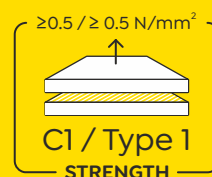
8. According to IS15477:2019 Standard @ $27 \pm 2^{\circ}\text{C}$

Test Conditions	Requirements	Value In Range
Tensile Adhesion (N/mm ²)		
Dry Condition	$\geq 0.50 \text{ N/mm}^2$	0.55-0.80 N/mm ²
Shear Adhesion (N/mm ²)		
Dry Condition	$\geq 1.00 \text{ N/mm}^2$	1.10-1.20 N/mm ²
Open time (Minutes)	Not Specified	15 mins
Adjustability (Minutes)	Not Specified	20 mins
Slip (T)	$\leq 0.5 \text{ mm}$	0.20-0.40 mm

9. Coverage : Consumption may vary depending on the evenness on the substrate, trowel notch size, type of tiles / stone and the application technique
10. 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 Type 1 T as per IS 15477:2019 & C 1 T as per EN 12004 standard.

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ONE UNIT = ONE TREE

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.

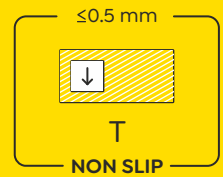
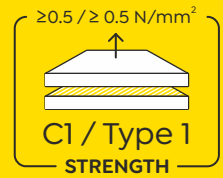
Apart from the information given here it is also important to observe the relevant guidelines, regulations and common standards of various organizations and trade associations. The afore mentioned characteristics are based on practical experience and applied testing. Confirmed properties and possible 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 $\pm 27^{\circ}\text{C}$ and 65 % relative air humidity (as per IS 15477:2019) and $\pm 23^{\circ}\text{C}$ and R.H. 50% (as per EN 12004) 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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