ONE UNIT = ONE TREE

VURA
Time To Build Better
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LONGEST SHELF LIFE

VURA MaStik™

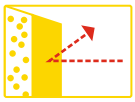
Rigid 1-K Cementitious Waterproofing Mortar

Single component, fibre-reinforced cementitious mortar for waterproofing and concrete protection. It has very high water permeability against hydrostatic pressure with standing capacity. It is to be mixed with water and applied by brush or trowel.

CHARACTERISTICS

- Waterproof
- Water permeable
- Suitable for drinking water tanks
- Strong reduction of capillary absorption of water increases surface protection
- Frost resistant
- Economical application
- Can be applied by brush, trowel
- Excellent adhesion to cement surfaces
- Resistant to negative water pressure protects standard concrete structures


Waterproofing


Concrete Protection

SCOPE OF USE

Waterproofing

VURA MaStik is used on the horizontal and vertical surfaces of buildings, structural components and tanks such as

- Retaining wall
- Basement, foundations
- Drinking water reservoirs
- Bridge decks
- Lift shafts / pits
- Interior & Exterior cellar walls
- Irrigation channels
- Damp areas
- Toilet and bathroom sunk areas
- Overhead and underground tanks

In the case of possible mechanical loads operating on the mortar , such as pedestrian traffic, the **VURA MaStik** coating should be protected.'

Concrete Protection

VURA MaStik is perfect prepared to improve concrete surface resistance, even having different concrete qualities and structures.

Hydroslide Effect

The Hydroslide Effect provides an optimal reduction of capillary absorption of water vs. other standard slurries/mortar.

It leads to a stronger reduction of aggressive substances dissolved in water (e.g chlorides and de-icing salt) ensuring an excellent adhesion of subsequent layers.

ISO 13007
CE EN 12004

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SUBSTRATE PREPARATION

The mineral substrate must be even, solid, load-bearing, clean, crack-free and free of substances that may impair adhesion. The surface must have a rough, open pored structure with good grip. The surface should be clean and free from dirt, oil or grease before application.

Cove all corners with a moulding of at least 2 cm radius. Repair any defects, screed over rock pockets and fill mortar joints, with Vura mortar products. Enlarge the cracks and fill them with polymerized cement mortar alternatively with epoxy resin. If the brickwork is uneven with numerous projections and defects, produce a levelling render made of cement mortar. **Vura MaStik** requires pre-wetting of the substrate before application, avoiding formation of puddles. When waterproofing wall and foundation areas indoors or outdoors, e. g. in the case of rear penetration of moisture, pre-treat the areas with Vura products.

When waterproofing from negative side, the substrate must have sufficient mechanical strength.

APPLICATION

VURA MaStik is prepared with clean and clear water @ 30-32% water ratio and is mixed until it becomes homogenous and free of lumps. The consistency of the mortar should be adjusted according to the application.

The quantity obtained must be applied within 1 hour. The first layer will be applied consistently with a brush or trowel on the wetted surface. When successive layers are applied, the next layer must only be applied when the previous layer is hardened, Interval time between two coat is apprx. 4-5 hrs. Work must not be interrupted for more than 12 hours.

Do not apply the **VURA MaStik** to a substrate that shows the signs of standing water on the surface. Apply second coat after First coat is dry to touch, perpendicular to the direction of the first coat. The Wet Film thickness per coat should be between 0.8 mm to 1.00 mm

The freshly applied product must be protected against drying too fast.

The coating can be walked on after two days; however, even after complete hardening, the coating must not be directly exposed to heavy mechanical loads.

Keep the freshly applied coating in the wet conditions for at least 3 days. Protect **VURA MaStik** against rain for at least 24 hours. Tiles, plasters or flooring can be applied on a layer of **VURA MaStik** after 7 days at the earliest from drying out too quickly, frost and precipitation. Installation of covers protecting from direct sunlight, draughts, rain and frost is recommended.

PLEASE NOTE

- Protect the waterproofing coat against damage. Do not cover it with gypsums materials.
- When covering the waterproofed surface with tiles, always use a tile adhesive of minimum quality C 2.

PRODUCT SAFETY

VURA MaStik contains cement and produces an alkaline reaction with water. Therefore protect skin and eyes. If contact occurs, rinse thoroughly with plenty of water. In case of contact with the eyes obtain medical advice.

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GENERAL DATA

1. Appearance : Lumps Free Powder
2. Pack size : 20 Kg Bag
3. Color : Grey

TECHNICAL DATA

1.	Mixing Water	: 6-6.4 L (30-32%) of water per 20 kg
2.	Mixed Density	: 1.85 g/ml
3.	Bulk Density	: 1.28 g/ml
4.	Mixing Consistency	: Homogeneous mix with fluid consistency
5.	Pot Life:	: Approx. 1 hour
6.	Recoat Time:	: After 4-5 hours
7.	Tensile Adhesion Strength	: > 1 N/mm^2
8.	Application Temperature	: From 5°C to 35°C
9.	Pedestrian Traffic	: After 2 days
10.	Ready To Use	: 7 days
11.	Consumption	: Approx. 1.5 kg/m^2 per mm of thickness
12.	Shelf life	: Until 15 months since the date of Stored in undamaged dry conditions and original packaging.

PRECAUTIONS

- In hot, windy and very sunny weather, It is recommended to spray the surface with water to prevent rapid / fast evaporation of mixing water.
- When used in contact with drinking water, ensure Vura Mastik completely hardened respecting the suggested waiting times and Then thoroughly clean all the surfaces and remove all the water used for cleaning before tiling
- Not recommended over moving joints and structures subjected to movements.
- Do not apply on dry substrate.

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.

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