

VitrA Fix HYDROSTOP UV



Elastomeric resin based, ready to use, UV resistant, very elastic waterproofing material

DESCRIPTION

It is a one-component, water impermeable, acrylic resin based, UV resistant, ready to use waterproofing material. It is applied to the surface before coating materials such as tiles for waterproofing in volumes exposed to water and humidity. Balances the absorbency of the applied surface. Fast and easy to apply.

AREAS OF USE

- Terrace, roof and exterior waterproofing of buildings
- In creeks, gutters, chimneys and parapet edges
- Practical waterproofing applications on surfaces such as concrete, plaster, screed, gypsum and plaster, zinc and aluminum.

FEATURES

Material structure	: Additives for waterproofing, elasticity and UV resistance containing synthetic resin.
Type	: Liquid
Color	: White
Density	: 1.8 gr/cm ³

TECHNICAL PERFORMANCE*

Adhesion Strength (EN 1542)	: ≥ 0.8 N/mm ²
-initialization	: ≥ 0.5 N/mm ²
-After contact with water	: ≥ 0.5 N/mm ²
-After heat aging (EN 14891)	: ≥ 0.5 N/mm ²
Crack Bridging	: ≥ 2.5 mm (A5)

UV Resistance Test Value: Suitable (2000 hours)

Capillary Water Absorption Value : < 0.1 kg/m²h^{1/2} (EN 1062-3)

Temperature Resistance : (-30°C) - (+80°C)

Elongation at break : > 400

(*) These values are obtained as a result of laboratory tests and are the performance values of the finished applications 28 days later. Values may vary due to differences in the construction site environment.

REFERENCE STANDARD

- TS EN 1602-11/UV
- CE

CONSUMPTION

- Average 1.6-2 kg/m² (1 mm thickness)

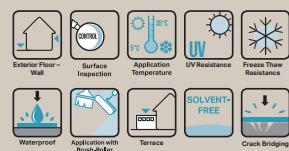
PACKAGING

- In 20 kg plastic bucket packages

STORAGE AND SHELF LIFE

- Product storage conditions must be complied with and products must not be stored in damp and waterlogged warehouses. Warehouse ambient temperature should be between +5 °C - +30 °C.
- Pallets should never be stacked on top of each other for storage.
- Shelf life is 1 year provided that the packages are kept in closed and moisture-free environments. Production date and charge number are indicated on the packaging.
- When not in use, the packages should be closed tightly and airtight.

- Resistant to UV rays and outdoor weather conditions
- Ready to use
- Can be painted over
- High crack bridging capability
- Strong adhesion
- Suitable for horizontal and vertical application



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APPLICATION FEATURES

Pot life	: Max 5 hours
Outdoor air temperature	: (+5) (+35) °C
Application thickness	: 1-1.5 mm
Number of coats to be applied	: 2-3
Waiting time between floors	: minimum 6 hours
Time to gain mechanical strength	: minimum 2 days
Waterproofing time	: 7 days

APPLICATION SURFACES

It can be applied on cement based surfaces such as concrete, plaster, mortar and old tile coating.

SURFACE PREPARATION

- Application surfaces must be clean and free from dirt, dust and weak particles.
- Surface defects, cracks and holes should be repaired with repair mortars.
- In cases where chamfer bands cannot be used, wall-floor joints should be chamfered with repair mortars before application.
- VitrA Fix HYDROSTOP UV should be diluted 40% and used as a primer to increase adhesion to the surface before product application.

APPLICATION

- VitrA Fix HYDROSTOP UV is a ready-to-use waterproofing material. Water or any other substance should not be added to the product during waterproofing coat application.
- The product should be applied to the surface with a brush or roller in minimum 2 coats. When applying the first coat from right to left or top to bottom, our products should be used at wall-floor joints.
- 6 hours after the first coat application, the 2nd coat should be applied in the opposite direction of the first coat application. The main purpose here is to cover the surface with all the material.
- The times given in the application information and steps may be shorter or longer under different ambient conditions (low/high temperature, humidity, wind, etc.).

PRECAUTIONS

- If hardening or petrification is detected after opening the packages, the product should not be used.
- VitrA Fix HYDROSTOP UV gains water impermeability 7 days after it is applied to the surface.
- Direct application should not be made on metal, rubber, PVC, mineflo, gas concrete surfaces and underfloor heating floors. Consult technical service for solution.
- Do not apply on surfaces with high humidity.
- Do not apply on unset plastered and concrete surfaces (horizontal and vertical) before the curing period is completed.
- In floor applications such as terraces, wet areas, etc., a minimum slope of 3% should be given along the surface in the direction of the water drain in order to prevent water accumulation on the surface.
- VitrA Fix HYDROSTOP UV is a waterproofing material developed for under coating applications. It should not be left open, it must be covered with a suitable coating material.
- Application surfaces should be protected from direct sunlight, frost and water for at least 24 hours.
- Considering the thermal stress and mechanical loads that may occur on the floors; in areas where inter-seasonal temperature changes occur, depending on the heat-bearing systems and insulation applications, in applications to be made in large areas, depending on the load and pedestrian traffic on the ground, necessary expansion joints should be left on the ground, suitable expansion profiles or joint filling mastics (PU, MS Polymer, silicone etc. based) should be used for these joints.

SAFETY INSTRUCTIONS

- Avoid contact with skin and eyes. Wash contact areas with plenty of water.
- It is recommended to use rubber gloves during product application.
- Products should be kept out of the reach of children.
- Read the Product Safety Sheet (MSDS) for more detailed information.

Note: Technical values and application instructions are the results of our experience and tests carried out in accordance with international standards, valid at ambient conditions of 23 °C and 50% relative humidity.