

VitrA Fix HYDROSTOP



Elastomeric resin based, ready to use, elastic waterproofing material

DESCRIPTION

Acrylic resin based, ready-to-use waterproofing material that provides water impermeability. Single component. It is applied to the surface before coating materials such as tiles for waterproofing in volumes exposed to water and moisture. Balances the absorbency of the applied surface. Fast and easy to apply.

AREAS OF USE

- Waterproofing of wet areas such as bathrooms, wc, balconies etc.
- Concrete, plaster, screed, gypsum and plasterboard etc. surfaces.
- Waterproofing material under ceramic tiles that can be glued directly without the need for sandblasting.

FEATURES

Material structure : Synthetic resin, filler in special granulometry

Type : Liquid-Acrylic
Color : White
Density : $1.80 \pm 0.1 \text{ gr/cm}^3$

TECHNICAL PERFORMANCE*

Adhesion Strength (EN 1542) : $\geq 0.8 \text{ N/mm}^2$
 -Initialization : $\geq 0.5 \text{ N/mm}^2$
 -After contact with water : $\geq 0.5 \text{ N/mm}^2$
 -After heat aging (EN 14891) : $\geq 0.5 \text{ N/mm}^2$
 Crack Bridging : $\geq 2.5 \text{ mm (A5)}$
 (21°C / -10°C; 50% relative humidity EN 1062-7)
 Capillary Water Absorption Value : $< 0.1 \text{ kg/m}^2\text{h}^{1/2}$
 (EN 1062-3)
 Temperature Resistance : (-30°C) - (+80°C)
 (*) These values are obtained as a result of laboratory tests and the performance of the finished applications after 28 days values. Values due to differences in the construction site environment may change.

CONSUMPTION

- Average : $1.6\text{-}2 \text{ kg/m}^2$ (1 mm thickness)

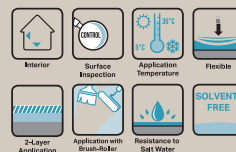
PACKAGING

- 10 and 20 kg plastic buckets

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 $+5^\circ\text{C}$ - $+30^\circ\text{C}$.
- 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.

- Easy and fast application for waterproofing wet areas under ceramic tiles,
- Possibility to stick ceramic tiles directly on it due to its filled structure,
- Ready to use,
- 250% elastic after drying.



VitrA Fix HYDROSTOP

APPLICATION FEATURES

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|---|-------------------|
| Pot life | : Max 5 hours |
| Application temperature | : 5-35 °C |
| Application thickness | : 1-1.5 mm |
| Number of coats to be applied | : 2 |
| Waiting time between floors | : minimum 6 hours |
| Waiting time before ceramic application | : min 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** should be diluted 40% and used as a primer to increase adhesion to the surface before product application

APPLICATION

- The product should be mixed with a low speed mixer before 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, chamfer tape should be used at wall-floor joints.
- After the first coat is completely dry, approximately 6 hours later (depending on the ambient temperature), 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 the entire material.
- The periods 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 in the product after the packages are opened, the product should not be used.
- **VitrA Fix HYDROSTOP** gains water impermeability 7 days after it is applied to the surface.
- It should not be applied directly 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 minimum curing time 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** 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 are experienced, 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.