

VitrA Fix HYDROSIL



Silicone-based, solvent-free, transparent, ready-to-use, water-repellent impregnating primer

DESCRIPTION

Silane/Siloxane emulsion based, solvent-free, ready to use, water repellent primer. It acts as an impregnating primer on the surface it is applied; since it is transparent, it does not spoil the appearance of the surfaces. Penetrates into capillary cracks and surface porosities, provides water impermeability on the surface by penetrating into the surface. Does not hinder the surface's ability to breathe. Water based and environmentally friendly. It has high alkali resistance. Resistant to outdoor weather conditions such as UV, frost and rain.

AREAS OF USE

- Impregnation of porous building materials such as decorative brick, clinker, cement-based particleboard, paint
- Protection of surfaces against wear and tear caused by water, salt, chlorine and alkalis

FEATURES

Material structure	: Silane/Siloxane emulsion
Type	: Liquid
Color	: Transparent
Density	: 0.97 gr/cm ³

TECHNICAL PERFORMANCE*

Temperature resistance : -30 °C - +70 °C

Moisture resistance : excellent

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

CONSUMPTION

- Approximate consumption (kg/m²) may vary depending on the application surface. 0,200-0,400 lt/m²

PACKAGING

- In 5 kg plastic drum packages (56 pieces per pallet / 280 kg)

STORAGE AND SHELF LIFE

- It should be stored in moisture-free, dry and protected against external weather conditions.
- Shelf life is 1 year under appropriate storage conditions.
- Opened packages should be kept tightly closed.

APPLICATION FEATURES

Mixing ratio	: ready-to-use mixture
Application temperature	: +5 °C - +30 °C
Drying time	: minimum 30 minutes

SURFACE PREPARATION

- Application surfaces must be free from dust, dirt, oil, etc., must be smooth and solid, and must not be too dry or sweating.
- Before starting the application on surfaces exposed to direct sunlight and overheated surfaces, the surface temperature should be reduced by moistening the surface with water sprinkling method.

- Fast and high water repellency
- High water vapor permeability and breathability
- High alkali resistance
- Applicable to painted surfaces
- Resistant to outdoor weather conditions such as UV, frost, rain
- Transparent structure that does not distort the appearance of the surface



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APPLICATION SURFACES

It can be applied on water absorbent mineral surfaces, natural stone, cement based plaster, concrete, decorative brick, clinker, cement based particle board, paint, etc.

APPLICATION

- The mixture can be applied to the surface with a stiff brush or roller.
- It is recommended to apply with a stiff brush. It should be applied in successive passes, without waiting for the passes to dry, saturating the surface.
- It is recommended to apply 2 coats to ensure that the material thoroughly covers the entire surface. wet-on-wet application is made without waiting for the coats to dry.

MIXTURE

- **VitrA Fix HYDROSIL** is a ready-to-use waterproofing material. The product can be used directly after opening the package.
- No other liquid or solid additives such as water, performance enhancing additives, cement should be added to the product.

PRECAUTIONS

- Minimum on unset plastered and concrete surfaces (horizontal and vertical)
- Application should never be made before the curing time expires.
- The surface must be fully insulated. Interruptions and joints in the insulation application may cause water leakage.
- Tools should be cleaned with kerosene and turpentine after application.
- Not suitable for use in areas exposed to water pressure such as surface pools or under permanent water effect.

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.
- Please read the Material Safety Data Sheet (MSDS) for more detailed safety 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.