

SICAFIX 120

Transparent water-repellent protective consolidating product for masonry and natural stone

Description: Solvent-based water-repellent consolidating and impregnating product, formulated with water-repellent resins and special additives.

Advantages:

- Excellent penetration into the mineral surface to be treated.
- Consolidating and water-repellent effect with a single product.
- Resistant to UV rays and aggressive weathering (pollutants, rain, wind, sun, freeze/thaw cycles).
- Remains permeable to vapour without creating a film.
- No stickiness.

Applications: Suitable for the restoration, consolidation and protection from weathering of absorbent stone building materials, absorbent stones such as sandstone, tuff, trachyte, terracotta, plaster, etc.

Surface preparation:

- Before applying, make sure that the surfaces are free of dirt and dry. Apply at temperatures between +10 °C and +25 °C; avoid the application in anticipation of weather conditions that could negatively affect the correct drying of the product.
- For optimal application, we recommend not to expose the surface to be treated to direct sunlight.

Application:

- Apply Sicafix 120 by brush, by spraying with low pressure sprayers (0.5 bar).
- The product is ready to use.
- The material to be treated must be completely saturated up to the refusal of the consolidating product in order to reach the sound core of the stone.
- Drying time varies with temperature and the porosity of the material. The water-repellent consolidating product completes its reaction after about four weeks at an ambient temperature of 20 °C with a relative humidity of 40-50%.
- The tools can be cleaned with the common synthetic or nitro thinners.

Consumption: -The quantity of material to be used varies according to the nature of the surface to be treated between 0.3-0.5 L/m².

Warnings:

- Do not use in non-ventilated premises.
- Do not use to waterproof surfaces or containers intended to contain edible liquids, drinking water or which are in contact with solvents or mineral oils.
- Store in tightly sealed original packaging.
- Flammable product
- Do not expose to temperatures over 30 °C, direct sunlight, heat sources, open flames or other sources of ignition.
- Comply with the information on the safety data sheet.
- Consult the information at the bottom of this document.

Packaging: 1 and 10 L metal pails.

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Technical data:

MAIN CHARACTERISTICS		
Appearance		Liquid
Colour		Colourless
Shelf life in closed original packaging		24 months
Closed-cup flash point	ASTM D3828-87	> +23 °C
Density (at 20 °C)	EN ISO 2811-1	(0.91 - 0.97) kg/L
Viscosity (Flow time at 20 °C, DIN/4 mm cup)	EN ISO 2431	10 - 14 seconds
Drying time		30 - 60 minutes*
PERFORMANCE PROPERTIES - EN 1504-2 SURFACE PROTECTION SYSTEMS FOR CONCRETE (H HYDROPHOBIC IMPREGNATION – PRINCIPLES: PI-MC-IR)		
Depth of penetration	EN 1504-2 (Schedule 3 no. 19)	Penetration: < 10 mm
		Class I
Water absorption and resistance to alkali	EN 13580	Absorption ratio compared to the untreated test cube: <7.5%
		Result: compliant
Drying rate for hydrophobic impregnation	EN 13579	Drying rate coefficient: >30%
		Class I

* Measurements have been recorded at a temperature of 23 °C and with 50% moisture. Declared data may vary depending on the thickness of the applied product and on the specific conditions of the construction site: temperature, humidity, ventilation, and absorbency of surfaces.



The advice and technical information provided represent HA ITALIA S.p.A.'s best knowledge of product properties and use. Considering the different situations of use of the products and factors beyond our control (media, working conditions, failure to comply with instructions), we cannot be held responsible for the results obtained. Before using the product, anyone who intends to make use of it is required to determine whether it is suitable for the intended use and assumes full liability for whatever may arise from its use.

HA Italia disclaims any and all liability arising from failure to observe the warnings mentioned in this data sheet and failure to comply with the requirements set out in the safety data sheet.

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