

Hydrofuge

**TECHNOLOGICAL COLOURLESS
WATER-REPELLENT IMPREGNATION FOR
CONCRETE, CEMENT PLASTER, BRICK AND
NATURAL STONE.**



TECHNICAL DATA SHEET

DESCRIPTION

HYDROFUGE is a siloxane-resin product dissolved in solvent and characterised by a high capacity to penetrate the substrate. It does not form a surface film and therefore does not modify the water-vapour permeability of the treated surface.

FIELDS OF APPLICATION

HYDROFUGE provides colourless protection from heavy rain on exposed vertical surfaces in concrete, cement plaster, brick and natural stone without altering their aesthetic appearance.

SUBSTRATE PREPARATION

The substrate must be perfectly clean and dry before application. Remove dust, dirt and any material that could prevent uniform penetration into the surface.

APPLICATION

The product is ready to use. Apply by brush or spray until the substrate is completely saturated, while avoiding runs. Application and consumption depend on the porosity and absorption of the support.

HYDROFUGE strongly limits humidity absorption and helps increase the durability of the construction. Its deep, non-film-forming impregnation protects mineral surfaces while allowing them to retain their original appearance.

PERFORMANCE BENEFITS

- High penetration into porous mineral substrates.
- Does not form a film on the treated surface.
- Does not modify water-vapour permeability.
- Limits the development of saline efflorescence.
- Helps prevent the formation of moss, algae and mould.

COVERAGE

Approximately 0.2-1.0 litres/m², depending on the porosity and absorption of the substrate.

RECOMMENDATIONS

- Use only on perfectly clean and dry substrates.
- Apply uniformly until the support is saturated, avoiding runs.
- Use on exposed vertical mineral surfaces where a colourless finish is required.

PACKAGING

HYDROFUGE is supplied in 15 kg and 3 kg pails.

SPECIFICATIONS

Colourless protective impregnation of vertical concrete and mineral surfaces using a siloxane resin dissolved in solvent, HYDROFUGE type by Colmef Srl. Apply until the support is completely saturated, avoiding runs.

TEST CONDITIONS

Tests performed at 23 °C and 50% relative humidity in the absence of air ventilation.

TECHNICAL DATA

Property	Unit	Value
Appearance	-	Liquid
Colour	-	Transparent
Specific weight	kg/litre	0.820
Solid residue	%	≥ 8
Brookfield viscosity	cPs	11
Flammability	-	Yes
Minimum application temperature	°C	+5 to +30
Superficial drying time	hours	Approx. 1
Complete drying time	days	Approx. 7
Consumption	litres/m2	0.2-1.0 depending on substrate absorption
Packaging	kg	15 / 3

DATA REPORTED FROM THE SUPPLIED HYDROFUGE TECHNICAL DATA SHEET.

The information in this bulletin is based on our best experience. We cannot be held liable for product misuse. Anyone intending to use this product should assess whether it is suitable for the intended application and perform preliminary tests. Always refer to the latest updated technical data sheet and Safety Data Sheet available from Colmef.

FOR MORE INFORMATION OR PARTICULAR USES, CONTACT THE COLMEF TECHNICAL SUPPORT DEPARTMENT.

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