



IDROKEM PROOF

High penetration water repellent protective for absorbent building materials, based on silicone emulsions in water.

Guaranteed totally free of organic solvents

TECHNICAL FEATURES

Technological treatment based on water-based silicone emulsions, conceived according to the strict quality standards of the **HERAKEM** laboratory, for the protection of porous and absorbent materials, without altering the water vapor permeability of the treated surface. **IDROKEM PROOF** is colorless and is characterized by a high degree of penetration which makes it ideal for non-film-forming treatments on building materials. It protects the walls from the aggression of atmospheric agents, limits the development of saline efflorescences, prevents the rooting of mosses, algae and molds. It strongly limits the absorption of humidity with a consequent increase in the durability of the product.

IDROKEM PROOF is perfectly transparent, colorless and does not create surface gloss.

FIELD OF APPLICATION

IDROKEM PROOF is suitable for the protective treatment of all absorbent mineral construction materials such as: exposed concrete, plasters, cement mortars, sandstone and limestone walls, brick walls, cellular concrete, mineral-based natural and artificial stones, finishes exterior with mineral paints. It finds excellent use in the protection of artifacts subject to the disintegrating cycles of freezing and thawing and to the aggressive action of salts. Impregnation with **IDROKEM PROOF**, in general, is performed to protect vertical or inclined surfaces from atmospheric precipitation.

PREPARATION OF THE SUBSTRATE

The surfaces to be treated, dirty, covered with microorganisms and with saline efflorescence must be previously cleaned with hydro-washing. With persistent dirt, such as oils or greases, cleaning with hot water or steam is recommended. Before applying, wait for the surface to be visually dry.

APPLICATION

IDROKEM PROOF is ready to use and applied on the building material by spray or brush. The application is generally carried out with a low pressure sprayer in one or more phases, taking care that the material is saturated and treated uniformly. Generally, **IDROKEM PROOF** should be sprayed until it is no longer absorbed. For small surfaces it is also possible to apply by roller or brush as long as the quantity applied is such as to saturate the substrate.

CLEANING

The tools used for installation can be cleaned with water.

ITEM OF SPECIFICATIONS

The concrete or exposed brick surfaces must be treated with a water-repellent silicone impregnating agent transpiring and colorless type **IDROKEM PROOF** by **HERAKEM SRL**.



WARNINGS

- It is always recommended to carry out a preliminary test to evaluate any alterations to the natural color of stones or supports of various kinds.
- Crystalline and compact stones such as marble are not suitable for impregnation.
- Avoid application in wind, rain and direct sunlight.
- Do not use at temperatures below + 5 ° C.
- Do not use to waterproof horizontal surfaces, terraces, basements, water basins, gypsum surfaces.
- Do not apply water-based paints on the treated surfaces. Before proceeding with the treatment, a preliminary test is recommended.
- Do not apply on damp or unseasoned substrates.

TECHNICAL DATA *(at +22±1°C and 55±5% R.H.)

Appearance	liquid	Application temperature	from +5°C to +35°C
Color	transparent	Drying	1-2 hours
Massa volumica	1,0 g/cm ³	Customs heading	38249070
Flammability	no	Storage	12 months in original dry packaging

Consumption	depending on the absorption of the support indicatively variable between 0.2 and 1 kg/m²	Packaging	5 Lt and 10 Lt tank box of 12 bottles of 1 Lt
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PRODUCT FOR PROFESSIONAL USE ONLY

All the data and indications given in this technical data sheet, although resulting from laboratory tests carried out and from our direct application experiences, due to the infinite number of variables linked to the construction site conditions, are to be considered, in any case, purely indicative. Therefore, before applying the product, the user is required to establish whether it is suitable for the use envisaged by him, in the specific hygrothermal and application conditions foreseen at the time of use and, in any case, he assumes all responsibility for it. We are not liable for damage to people or things deriving from improper use of the product. We reserve the right to modify the data contained therein as a result of improvements and technical progress.

