



PRODOTTI PROFESSIONALI
PER L'EDILIZIA
E IL RESTAURO

MELZI edilizia e restauro

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RESTORATION: Protectives

(Solvent)

MONOPOL PT 09

Technical data sheet

DESCRIPTION AND FIELDS OF APPLICATION

Low-molecular-weight organ silane-based water-repellent protective agent in solvent for water-repellent treatment of absorbent substrates such as natural stone, brick, plaster, concrete and general building substrates. Also suitable for the protection of glossy lime finishes. Silanes in the presence of moisture react with the capillary walls of the substrate, forming strongly water-repellent interfacial compounds.

MAIN FEATURES

Treated substrates reduce water absorption primary vehicle through which weathering agents penetrate the structure of materials, developing disintegrating reactions. At the same time, frost damage and the formation of salt efflorescence are reduced. The active substance having small molecular size, does not change the vapor permeability of the treated material, any moisture present in it can thus evaporate, normally it does not change the vapor permeability of the treated material.

In addition, normally, it does not alter the color appearance.

All water-repellent products must be restored every 3-4 years to maintain their protective properties.

APPLICATION DATA

The product is supplied ready to use. In order to determine the optimal consumption depending on the absorption and degradation of the substrate, make preliminary tests before treatment on representative samples of the material on which you are working. The substrate must be dry and clean, with no obstacles to penetration. Application can be done by brush or spray (with explosion-proof equipment) operating with nozzles of 0.9-1.2 mm and pressure not exceeding 1.5-2 bar, to avoid excessive nebulization of the product. Regardless of the application system adopted, operate with the "wet-on-wet" technique, proceeding from the bottom up, to avoid product drippings on the untreated substrate remaining evident after application is completed

Do not apply in direct sunlight to avoid too rapid evaporation of the solvent, which would impair deep penetration of the product.

Clean tools with thinner (nitro, synthetic, white spirit), immediately after use

YIELD

The yield varies depending on the absorption of the support and the state of deterioration.

On average, 0,2 – 0,8 L /m² can be treated.

TECHNICAL DATA

Active content	11%.
Density	0,79 kg/L
Shelf life in original packaging min.	12 months

VERSION 18/12 Product for professional use.

The user has to evaluate if the product is suitable for the use as typology and modality of use, from which the final performances depend.
This sheet replaces and cancels the previous ones