



adesivi

TECHNICAL DATA SHEET



Review 003, 05/2016

Page 1 of 2

PRODUCT

DRAI – WATERPROOF (M8119)

FEATURES

DRAI hydro repellence is superior to any other organic or inorganic compound, with unimaginable values of oil-repellency. It can be used on any surface. The high-water repellency prevents water from coming into contact with calcium carbonate – the major component of building materials – avoiding deterioration by carbonization. The impossibility for water to penetrate into building materials avoid structure cracking and the formation of algae and molds. Even pollutants – chemicals or dirt – can't settle on the surface avoiding it gets dirty and deteriorate.

TECHNICAL DATA

Specific weight	800 ± 20 g/l	(MI 001)
Physical state	Liquid	
Colour	Colourless	

STORAGE

Keep the container well closed and stored in a cool (temperature below 25°C) and ventilated environment for a maximum period of 12 months from the date of production marked on the tin. Avoid direct sun exposure.

SAFETY RULES

Ensure work area is well-ventilated during application and until surface is dry. It is recommended the use of personal protective equipment during application. Read the safety sheet before application.

APPLICATION

We recommend cleaning the surfaces before application, removing soluble salts, mold or loose parts. Application should take place on dry, cold surfaces which are not exposed to hot sun; low pressure airless paint sprayers as well as brush and roller can be used: in any case take care to ensure an even application until the material is completely soaked. Preliminary tests on a small area determine the optimal amount for application. Coverage rate depends on permeability of the material to be treated: consumption variations can be tentatively assumed between 100 and 400 g/m².

During application, especially under the mechanical action of the brush or roller, foams may form considerably; this phenomenon, which disappears completely during drying, doesn't affect the final result, but it is rather synonymous with better penetration into the stone.

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Review 003, 05/2016

Page 2 of 2



ADDITIONAL INFORMATION

Drai is an acrylic copolymer modified with fluorinated groups: the acrylic components facilitate adhesion to stone surfaces, while the fluorinated groups, positioned externally, ensure hydro-oil repellency.

- **Drai** penetrates very deeply into capillary pores: many tests showed penetrations up to 4-5 mm into materials. Tests have been carried out on different types of surfaces: concrete, earthenware mortars, tuff, carparo, various marbles (Carrara marble, flowered bardiglio, Verona red marble, yellow Siena marble, granite, travertine, etc.), paints and lime-based coatings, marmorino: the results have always been very satisfactory.
- **Drai**, is invisible once it's dried – materials natural appearance keeps totally unchanged. However preliminary tests on a small area are always necessary to be sure of the final color.
- **Drai** is permeable to vapour; the permeability of the different processed surfaces keeps totally unchanged.
- **Drai** is chemically stable and does not change with exposure to UV rays.
- **Drai** dries rapidly and can also be applied even on slightly damp surfaces.

NOTE: *Keep the product well sealed and in a cool and ventilated environment. Do not expose to heat sources. During application, avoid exposure to open flames because of inflammability of the employed solvents. Protect the vegetation and all surfaces that should not be treated with plastic sheets.*

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