

Epofloor in Risanamuro

HIGH-PENETRATION SYNTHETIC RESIN,
GUARANTEED FOR CREATING A CONTINUOUS
CHEMICAL BARRIER ON MASONRY SUBJECT TO
CAPILLARY RISING DAMP.



TECHNICAL DATA SHEET - REVISION 01/2022

DESCRIPTION

EPOFLOOR IN RISANAMURO is a one-component formulation based on siloxane resins dissolved in solvent, with low molecular weight and therefore high penetration capacity. It reacts with the moisture present in the structure, transforming into an active water-repellent substance. EPOFLOOR IN RISANAMURO counteracts capillary rising damp in porous substrates, thereby increasing their durability, eliminates the possibility of moss attachment or mould growth, prevents the formation of salt efflorescence, and increases resistance to freeze-thaw cycles while maintaining vapour permeability.

FIELDS OF APPLICATION

EPOFLOOR IN RISANAMURO is used to create a continuous chemical barrier, both horizontal and vertical, thereby solving the problem of capillary rising damp in masonry of any type and thickness, including in alkaline environments.

SUBSTRATE PREPARATION

Drill 12-14 mm diameter holes in the masonry to be treated, arranged in two parallel staggered rows, approximately 15 cm apart vertically. The holes should be spaced about 30 cm apart within the same row, with the first row approximately 15 cm above the floor. The drilling depth should equal the wall thickness minus a 3 cm diaphragm. The surface to be treated must be completely above ground level to avoid possible infiltration moisture above the chemical barrier. Fix the special injectors into the previously prepared and compressed-air-cleaned holes using a rapid-setting and rapid-hardening mineral mortar.

APPLICATION

EPOFLOOR IN RISANAMURO is ready to use and must be used as supplied. Fill the special injectors and allow the product to penetrate for at least 24 hours by gravity, topping up any that remain empty, or use a low-pressure pump. Once absorption is complete, remove the injectors and close the holes.

YIELD

0.25 - 0.30 L/m per cm of thickness, depending on substrate porosity.

RECOMMENDATIONS

- ◆ Apply the product at temperatures between +5 °C and +35 °C.
- ◆ EPOFLOOR IN RISANAMURO contains flammable solvents.
- ◆ Clean all tools used for product preparation and application with mineral spirits or organic solvents.

PACKAGING

EPOFLOOR IN RISANAMURO is supplied in 5 litre plastic cans. Store the product in dry conditions and in its original tightly closed packaging, at temperatures not below +5 °C. Under these conditions, its stability is at least 12 months.

SAFETY INSTRUCTIONS

EPOFLOOR IN RISANAMURO contains flammable solvents; therefore, the necessary precautions required for such products must be adopted during application. Use gloves, protective creams and goggles to avoid contact with skin and eyes in accordance with good site practice, and follow all usual precautions for the use and handling of chemical products. For further information on safe use of the product, refer to the relevant Safety Data Sheet.

SPECIFICATION

Water-repellent impregnating treatment for creating a continuous chemical barrier on masonry subject to capillary rising damp using a high-penetration synthetic resin, such as EPOFLOOR IN RISANAMURO by COLMEF Srl, applied by low-pressure injection until the substrates are saturated, with a consumption of 0.25 - 0.30 L/m per cm of thickness depending on substrate porosity.

TECHNICAL DATA

Appearance:	liquid
Colour:	colourless
Apparent density (kg/L):	0.85
Solid content (%):	18
Brookfield viscosity (cPs):	9
Permitted application temperature:	from +5 °C to +35 °C

DATA RECORDED AT +23 °C - R.H. 50% AND NO VENTILATION

The information and recommendations given above are based on our best experience. However, we cannot accept any responsibility for improper use of the products. We therefore advise users to assess whether the product is suitable for the intended use and, in any case, to carry out preliminary tests. Always refer to the latest updated version of the technical data sheet, available at www.colmef.com.

FOR FURTHER INFORMATION OR SPECIAL APPLICATIONS, CONTACT COLMEF TECHNICAL ASSISTANCE SERVICE.

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