

Idrosil A

**TECHNOLOGICAL COLOURLESS
WATER-REPELLENT TREATMENT IN AQUEOUS
SOLUTION FOR OUTDOOR MASONRY.**



TECHNICAL DATA SHEET

DESCRIPTION

IDROSIL A is a ready-to-use, water-based water-repellent treatment for porous and absorbent building materials. It offers good penetration and a colourless, non-film-forming finish without modifying the water-vapour permeability of the treated surface.

FIELDS OF APPLICATION

IDROSIL A 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, dry, porous and absorbent before application. Remove dust, dirt, loose material and anything that could prevent uniform penetration.

APPLICATION

Apply the product by brush or spray in one coat until the substrate is completely saturated, while avoiding runs. Application and consumption depend on the porosity and absorption of the support.

IDROSIL A protects surfaces from atmospheric agents, limits the development of saline efflorescence and helps prevent moss, algae and mould. It strongly limits humidity absorption and consequently increases the durability of the construction.

PERFORMANCE BENEFITS

- Good penetration into porous and absorbent mineral substrates.
- Colourless, non-film-forming treatment.
- Does not modify water-vapour permeability.
- Limits the development of saline efflorescence.
- Helps prevent the formation of moss, algae and mould.

COVERAGE

Approximately 0.2-0.5 kg/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

IDROSIL A is supplied in 15 L and 5 L pails.

SPECIFICATIONS

Colourless protective treatment of vertical concrete and mineral surfaces using a water-repellent impregnating agent in aqueous solution, IDROSIL A type by Colmef Srl. Apply in one coat 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	g/cm3	1.03
Solid residue	%	≥ 9
pH value	-	≥ 10
Flammability	-	No
Minimum application temperature	°C	+5 to +30
Superficial drying time	hours	Approx. 1
Complete drying time	days	Approx. 7
Consumption	kg/m2	0.2-0.5 depending on substrate absorption
Packaging	L	15 / 5

DATA REPORTED FROM THE SUPPLIED IDROSIL A 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.

COLMEF SRL | Z.I. Ponte d'Assi | 06024 - Gubbio (PG) ITALY | +39 075923561 | www.colmef.com