

Arredocoat

WET-EFFECT IMPREGNATING TREATMENT FOR WATER-REPELLENT PROTECTION OF STONE AND RECONSTRUCTED BRICK CLADDINGS.



Technical Data Sheet – Rev. 03/2018

DESCRIPTION

ARREDOCOAT is a ready-to-use solvent-based wet effect impregnating agent, with high penetration capacity, exceptional water repellency and unaltered effectiveness over time. ARREDOCOAT is distinguished by ultra high impregnating power in all porous materials that are commonly used in construction; it does not create a film and therefore, it does not alter the breathability of the water vapour.

FIELDS OF APPLICATION

ARREDOCOAT is used for protective treatments, with a wet effect, against direct rain on reconstructed stone claddings and floors, exposed concrete structures, facing bricks, porous natural stone, etc. Applying ARREDOCOAT allows the following to be obtained:

- wet effect of reconstructed stone claddings and floors;
- greater resistance of stone and reconstructed brick claddings to freeze and thaw cycles;
- protection against infiltration of rainwater, even in the presence of micro-cracks, up to 0.3 mm wide;
- protection against carbonation of fair-faced concrete;
- protection against saltiness in marine areas;
- protection against acid rain and weathering in general;
- self-washing walls with less dirt retention;
- limits the formation of efflorescence;
- breathable walls, without creating a film and altering the breathability of the water vapour.

SUBSTRATE PREPARATION

The stone or reconstructed brick cladding and all the substrates to be impregnated must be clean, free from greasy substances and dry so as to ensure maximum product penetration. Before applying ARREDOCOAT, wait until the surface is perfectly dry.

APPLICATION

ARREDOCOAT is ready to use and can be applied evenly with a brush, a roller or low-pressure spray until the surface is completely saturated in one coat, avoiding product percolation or stagnation. The duration of the water-repellent effect depends greatly on the depth of penetration of the impregnating agent. It is always advisable to carry out preliminary tests before the complete treatment to check the aesthetic surface effect.

YIELD

0.20 - 0.50 kg/m² depending on the porosity of the substrate.

RECOMMENDATIONS

All tools used for the application of ARREDOCOAT can be washed with white spirit or similar solvents. ARREDOCOAT is not suitable for hydrophobising gypsum surfaces.

For more information or particular uses, contact the COLMEF Technical Support Department.

PACKAGING

ARREDOCOAT is supplied in 1-litre bottles (4-litre or 14-litre boxes) and in 5-litre cans. Store the product in tightly closed original packaging, in a dry and protected place, at temperatures between +5°C and +30°C. In these conditions it maintains its characteristics unaltered for at least 12 months.

TECHNICAL DATA

| | |
|--|---|
| Appearance: | liquid |
| Colour: | transparent |
| Specific weight (kg/m ³): | 820 |
| Solid residue (%): | 15 |
| Brookfield viscosity (cPs): | 11 |
| Flammability: | yes |
| Surface drying time: | 1 h |
| Complete drying time: | 7 days |
| Allowed application temperature: | from +5 °C to +35 °C |
| Hazard classification according to EC directive 99/45: | harmful – hazardous for the environment – flammable |

| Data reading at +23 °C - R.H. 50% and no ventilation |

SAFETY INSTRUCTIONS

ARREDOCOAT contains flammable solvents and therefore the necessary precautions required for such products must be taken during application. Use gloves, protective creams and goggles to avoid contact with the skin and eyes, in accordance with good construction site practice and comply with all the usual warnings for use and handling of chemicals.

Consult the Safety Data Sheet in order to use the product safely.

SPECIFICATIONS

Water-repellent protective treatment with a wet effect on stone or reconstructed brick walls, using an impregnating agent based on resins dissolved in solvent, such as **ARREDOCOAT** of the Pietre d'Arredo brand by COLMEF Srl, to be applied by brush, roller or spray at low pressure, respecting a consumption of 0.20 - 0.50 kg/m² depending on the porosity of the substrate. The treated surfaces will not be altered from a breathability perspective.

FOR FURTHER DETAILS OR SPECIAL USES CONTACT THE **TECHNICAL DEPARTMENT**.

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The information in this bulletin is based on our best experience. We cannot be held liable for any product misuse. We therefore recommend anyone who intends to use this product to assess whether it is suitable for the intended application and to perform preliminary tests.