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Azienda certificata
UNI EN ISO 9001 - 14001

Ecofondo H2O

Technical Data Sheet No. 144 - Revision 1 of 06/16/2022

Characteristics and Applications:

Ecofondo H2O is a water-based acrylic resin-based primer for iron and wood, suitable for protecting ferrous metals from corrosion and wooden structures. To best meet this intended use, the product contains zinc salts with a passivating effect on the substrate; thanks to these components, it effectively blocks iron oxidation. Ecofondo H2O has excellent adhesion, quick drying, high coverage, and easy sanding.



Substrate Preparation and Application

Iron, galvanized sheet metal, new surfaces: clean and degrease thoroughly with thinner. Once the surface is dry, apply one coat of Ecofondo H2O. After 8 hours, apply two coats of Ecosmalto H2O, waiting approximately 8 hours between coats.

Iron, galvanized sheet metal, old surfaces: remove any residue from the old paint. Proceed as for new surfaces.

New wood: Sand the surface, treat it with two coats of Ecofondo H2O, and after 8 hours apply two coats of Ecosmalto H2O.

Painted wood: Remove any layers of old, flaking paint and roughen all previously painted surfaces. Remove any resin with thinner. Fill any imperfections with synthetic filler. Proceed as for new surfaces.

New walls: Ensure the surface is at least four weeks old; clean thoroughly, removing all traces of dust or grease; check that the surface is perfectly dry and apply a coat of our R2000 Fixative diluted 500% by volume with pure water. After 8 hours, apply two coats of Ecosmalto H2O.

Old walls: Remove any small traces of dirt and ensure the existing paint adheres perfectly. On degraded surfaces with mold, algae, and moss, we recommend treating them with our Mold Blocker. Then, level and smooth any imperfections with our Rivestucco.

Once the surface is dry, sand, remove any dust, and then repeat the same procedure as for new walls.

USEFUL WARNINGS

- Do not apply at temperatures below +5°C, above +30°C, or with humidity above 75%.
- Use water to clean tools.
- For information on proper disposal, storage, and handling of the product, please consult the relevant safety data sheet.
- The product should be used preferably within two years of the production date if stored in the original, unopened containers and at suitable temperatures.



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Ecofondo H20

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Binder nature	Acrylic emulsion
Specific gravity at 20°C	1420 g/L +/- 50
Brookfield viscosity, 6 rpm, speed 20, 20°C	cP 9000
Flash point	non-flammable
Dry film appearance	gloss/satin
Apply with	brush, spray
Color	white, gray
Theoretical coverage	10-12 m ² /L in two coats
Drying	Touch-safe: 8 hours at 20°C
	Dry-safe: 24 hours at 20°C
Overcoating interval	5 hours
Dilution	5-10% by volume with pure water
Equipment cleaning	immediately after use with water
Packaging for sale	2.5-0.75 L
Storage	in a cool, dry place

Specifications

PRIMER FOR IRON AND WOOD

Application of one or more coats of water-based primer suitable for protecting ferrous metals from corrosion and wooden structures.