ISOBELL CRYSTAL

Silane-siloxane anti-salt primer

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PRODUCT DESCRIPTION

Transparent fixative primer based on a silane-siloxane resin emulsion, for treating damp walls, against efflorescence and for deep consolidation of the substrate.

COMPOSITION

Silane-siloxane resin emulsion and stabilising additives.

APPLICATION CONDITIONS

Temperature: 8 - 30°C;
Relative humidity: max 80%

APPEARANCE

Low-viscosity, milky, colourless liquid, fully soluble in water.



DILUTION and pH

pH 11 . Ready to use DO NOT DILUTE

CONSUMPTION

7-10 m^2/l depending on the porosity of the substrate.

Coverage may vary depending on the unevenness of the surfaces to be treated.

DRYING

Through dry 24-48 hours

Data refer to 20° C and 65% R.H.; drying times depend closely on the conditions of moisture and temperature.

STORAGE AND MIXING

Keeps for 36 months in the original, tightly closed containers stored indoors, away from direct sunlight, at a temperature between + 8° C and + 35° C. Protect from frost. Do not mix with other products. Any mixing alters the properties and quality of the product.

PACKAGING

1 Litre - 6 containers in a cardboard box, 6 litres in total

METHODS AND TOOLS

Apply by brush, roller or spray. Clean with water immediately after use.

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USE

Thanks to its high penetration into the substrate, it reduces salt efflorescence caused by rising damp. Its excellent alkali resistance and high water vapour permeability make it suitable as a base coat for water-repellent consolidating treatment before painting with silicone resin façade paints. It acts in depth thanks to special ultra-fine resins, forms no film, reduces the water absorption of the surface by making the substrate hydrophobic and limits the migration of salts towards the plaster. It is recommended above all before applying the DAMP WALLS system with COMFORT LIME LIGHT adhesive/skim coat.

APPLICATION

Dry clean, brush thoroughly and remove dust. Apply by roller, brush or spray depending on the surfaces to be consolidated. The number of coats depends on the absorbency, uniformity and structure of the substrate; it can be overcoated with any type of paint. Remove all crumbly, loose parts from the deteriorated masonry down to a sound, solid base. Wash with a pressurised water jet and leave to dry. Shake well in its container and apply as supplied. Cannot be applied directly on organic paints (washable paints, solvent-based paints, etc.), which must be stripped before treatment. Never apply on gypsum, in direct sun, or on hot or wet walls.

Before overcoating, it is advisable to wait until the first coat is completely dry.

WARNINGS

• Given the high alkalinity of the product, carefully cover all surfaces adjacent to the one to be painted, especially glass, ceramics, bricks, etc., to avoid damage.

• Do not apply in rain, threat of rain, on façades in direct sun (use sheeting on scaffolding) or in strong wind.
• Do not apply on wet or damp substrates with a concentration above 85%
• Do not apply on substrates treated with enamels or synthetic coatings
• Application on gypsum is not recommended.
• Do not apply on frozen or thawing substrates.
• The use of skilled labour is recommended.
• Use as supplied, without adding foreign materials.
• Only breathable mineral-based paints (silicates, lime) are recommended

The information and instructions above, although based on our best experience, are in all cases purely indicative and must be confirmed by thorough practical applications; therefore, before using the product, the user must establish whether it is suitable for the intended use and, in any case, assumes all liability arising from its use.



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SPECIFICATION TEXT

CRYSTAL

Treatment of entire surfaces with CRYSTAL, a consolidating anti-salt agent for exteriors and interiors based on silane and siloxane resins in aqueous solution; apply in one or two coats depending on substrate absorbency, with a coverage of 7-10 m /litre. Suitable for lime- and cement-based mineral plasters, as preparation for subsequent treatment with mineral-based paints or coatings.

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Manifattura del Seveso Spa
Via A.Vespucci 20
24046 Osio Sotto BG
info@isobell.it
www.isobell.it

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MADE IN ITALY