



ISOBELL CRYSTAL

Silane-siloxane primer for salt efflorescence

TECHNICAL DATA SHEET COMPILATION DATE: 01/10/2024 REV.1

PRODUCT DESCRIPTION

Transparent fixing agent based on silane-siloxane resin emulsion, designed for the treatment of damp walls, to combat efflorescence and deeply consolidate the substrate.

COMPOSITION

Silane-siloxane resin emulsion with stabilizing additives.

ENVIRONMENTAL CONDITIONS FOR APPLICATION

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

Application of the product under unsuitable atmospheric conditions negatively influences drying times, compromising the achievement of optimal aesthetic and performance characteristics.

DILUTION AND pH

pH 11 . Ready to use.

COVERAGE

7-10 m²/l depending on the porosity of the substrate.

The yield may vary based on the irregularity of the surfaces to be treated.

CURING TIME

Deep dry: 24-48 hours

(Data referred to 20°C and 65% relative humidity. Drying times depend strictly on humidity and temperature conditions.)

STORAGE AND SHELF LIFE

36 months in original sealed containers stored in a covered environment, protected from direct sunlight at a temperature between +5°C and +35°C. Protect from frost.

PACK SIZE

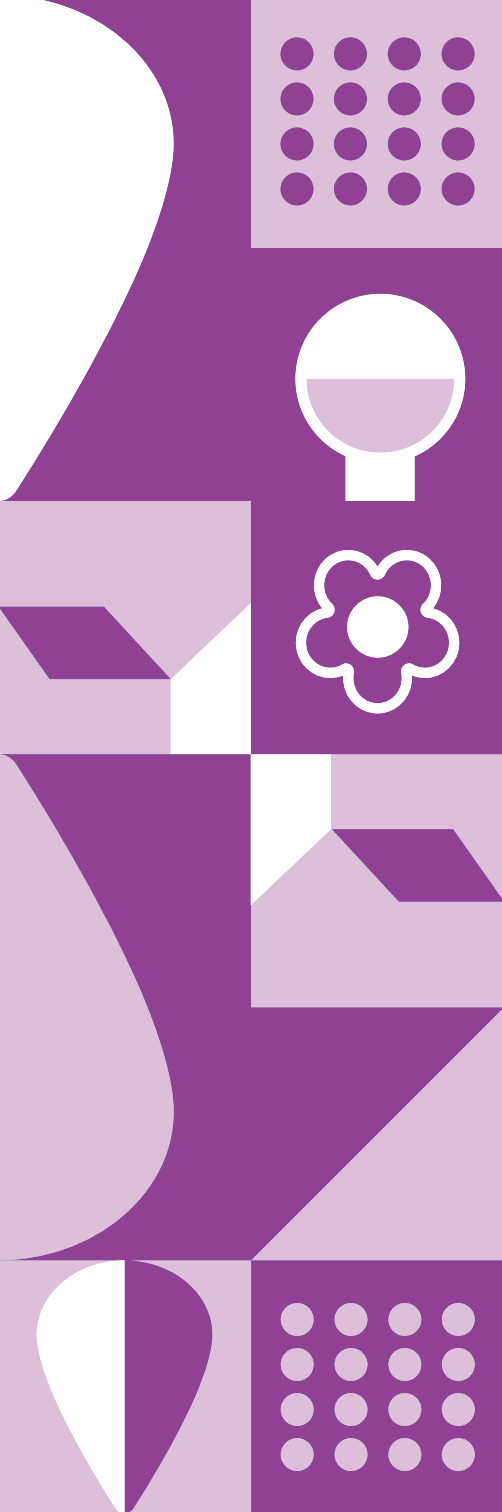
1 liter - 12 containers in cardboard boxes for a total of 12 liters.

TOOLS

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



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WHERE TO USE

Due to its high penetration capability into the substrate and its ability to form a barrier against all types of efflorescence salts caused by rising damp, this product is highly effective. Its excellent resistance to alkalis and high vapor permeability make it ideal as a base coat for hydrophobic-consolidating treatment in façade painting with silicone resin-based paints.

Thanks to the use of ultra-fine special resins, it penetrates deeply without forming a surface film, blocks capillary water rise, hydrophobizes the substrate, and prevents the migration of salt-laden water.

Its use is particularly recommended as a preparatory step before applying the PARETI UMIDE system with the PLAST or BIOMIX COMFORT mineral adhesive/skim coat..

APPLICATION

Clean the surface using dry methods, brush thoroughly, and remove all dust. The application can be carried out using a roller, brush, or spray, depending on the surfaces to be consolidated. The number of coats required depends on the absorbency, uniformity, and structure of the substrate. It is compatible with any type of paint as a topcoat.

Remove all crumbling and non-adherent parts from the deteriorated masonry until reaching a solid and sound substrate. Wash the surface with a high-pressure water jet and allow it to dry completely. Shake the product well in its container and apply it as is, without dilution.

It must not be applied directly to organic-based paints (washable paints, solvent-based paints, etc.), which must be stripped before treatment. Furthermore, do not apply on plaster, under direct sunlight, on hot walls, or on wet surfaces.

For subsequent applications, ensure the first layer is completely dry before proceeding. not to be painted such as doorframes, doors, windows, and flooring, as silicates can attack glass, metals, ceramics, enamel, painted surfaces, marble, and granite. Never mix with non-mineral-based paints.

WARNINGS

- Due to the high alkalinity of the product, cover all adjacent surfaces such as glass, ceramics, bricks, etc., to prevent damage.
- Do not apply in case of rain, threat of rain, facades exposed to direct sunlight (use protective sheets on scaffolding), and in the presence of strong wind.
- Do not apply on a wet or damp substrate with humidity above 85%.
- Do not apply on substrates treated with synthetic paints or coatings.
- Application on plaster is not recommended.
- Do not apply on frosted or thawing substrates.
- Skilled labor is recommended for application.
- Use as is, without adding foreign materials.
- Only breathable mineral-based paints (silicates, lime) are recommended.
- The information and instructions above, while corresponding to our best experience, are purely indicative and must be confirmed by exhaustive practical applications. Therefore, before using the product, anyone intending to use it must determine whether it is suitable for the intended use and will assume any responsibility that may arise from its use.

LEGAL NOTICE

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