



ISOBELL BINDER

Ready-to-use potassium silicate anti-salt fixative primer

TECHNICAL DATA SHEET COMPILATION DATE: 01/10/2025 REV.1

PRODUCT DESCRIPTION

Transparent fixative primer based on potassium silicate, designed for deep support consolidation.

COMPOSITION

Modified potassium silicate and stabilizing additives in an aqueous solution with a pH value of 11.

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
Overcoat time: 8-10 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 - 6 cans in cardboard boxes for a total of 6 liters.

TOOLS

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



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WHERE TO USE

First coat for hydro-repellent silicate treatment of mineral supports such as: stone, masonry, concrete, old and new plasters, etc. It is used as an isolating and anchoring primer that penetrates deeply into the masonry, consolidating the surface while reducing absorption and salt concentration. Thanks to its high penetration power into the substrate, chemical bonding, water vapor permeability, and chemical composition physically akin to that of building materials, BINDER has a specific use also as a fixative-consolidating agent in the restoration of old facades. It is especially recommended for use before applying the PARETI UMIDE system with the use of the mineral adhesive/plaster PLAST or BIOMIX COMFORT.

APPLICATION

TClean dry, brush thoroughly and remove dust. Application can be done with a roller, brush, or spray depending on the surfaces to be consolidated. The number of coats depends on the absorbency, homogeneity, and structure of the substrate. BINDER can also be used as a diluent for mineral paint. Wait 4 weeks before applying the primer to new plasters to allow the substrates to cure completely. It is ideal for treating friable and/or dusty internal and external walls. It also represents a perfect adhesion promoter for colored finishes based on potassium silicate. It cannot be applied directly over organic paints (washable, solvent-based paints, etc.), which must be stripped before treatment. Additionally, do not apply on plaster, under direct sun, on hot or wet walls. During application, mask areas 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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Manifattura del Seveso Spa
Via A.Vespucci 20
24046 Osio Sotto BG
info@isobell.it
www.isobell.it

