SILANCOLOR PRIMER

Transpirant siloxane undercoat with a smooth finish





WHERE TO USE

Silancolor Primer is a **silane and siloxane-based** primer in water emulsion, it **regulates absorption** and has **breathable** properties.

It is used both in **interior and exterior** to uniform the absorbency of the substrate, making it suitable for the following application of **Silancolor** range finishes.

Silancolor Primer uniforms the surfaces without affecting their breathability.

Some application examples

Preparing and priming wall surfaces before applying siloxane or acryl-siloxane paints and coatings.

TECHNICAL CHARACTERISTICS

Silancolor Primer, together with paints and coatings from **Silancolor** range, is part of a finishing cycle for interior and exterior which **grants high protection from chemical attack, UV rays and humidity in general**, while preserving the breathability of the substrate and making it highly water-repellent.

Silancolor Primer is a silane and siloxane-based primer in water emulsion with **high penetration capacity**.

Silancolor Primer uniforms the absorbency of the substrate and acts as **adhesion promoter**.

Silancolor Primer helps dust consolidation on surfaces to be treated.

Silancolor Primer is **odourless** and **solvent-free**, for this reason it is suitable for applications in closed or poorly ventilated environments.

RECOMMENDATIONS

- Do not use **Silancolor Primer** on metal surfaces.
- Do not apply **Silancolor Primer** on damp or not completely cured substrates.
- Do not use **Silancolor Primer** at temperatures lower than +5°C or higher than +35°C (always apply on dry substrate and avoid exposure to direct sunlight during application).
- Do not apply **Silancolor Primer** if the level of humidity is over 85%.
- Do not apply **Silancolor Primer** if it is about to rain or in windy weather.

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- In case of surfaces particularly exposed to the degrading action of algae, mould or fungi, choose **Silancolor Primer Plus**, hygienising siloxane primer.
- Please refer to “Safety Instructions for preparation and application” paragraph.

APPLICATION PROCEDURE

Preparation of the substrate

New surfaces or repaired areas to be treated must be cured and perfectly clean, sound and dry.

Remove any trace of oils or grease and detaching parts. Seal any cracks if present and repair damaged areas before application. Fill pores in concrete and level off irregularities on the substrate using mortars and skimcoats from MAPEI Building Line.

Preparation of the product

Silancolor Primer is ready to use; the product can be diluted with water up to 50%. Shake well before use.

Application of the product

Accurately stir **Silancolor Primer** before use and apply it by brush, roller or spray.

Protect the treated surface from rain for at least 12 hours after application.

Wait 12-24 hours, according to temperature and humidity, and in any case until the substrate is completely dry. Then apply the chosen finish from the **Silancolor** range.

CLEANING

Remove **Silancolor Primer** from brushes, rollers or spray equipment with water before it dries.

CONSUMPTION

Consumption is heavily influenced by the absorbency level of the substrate.

In normal conditions, consumption rate is approx. 0.10-0.15 kg/m^2.

PACKAGING

Silancolor Primer is supplied in 10 kg plastic drums.

STORAGE

24 months if stored in a dry place and away from sources of heat, at a temperature between +5°C and +30°C. Protect from frost.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Instructions for the safe use of our products can be found on the latest version of the Safety Data Sheet, available from our website www.mapei.com.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY	
Consistency:	fluid liquid
Colour:	milky white
Density (EN ISO 2811-1) (g/cm³):	approx. 1.01
Active substance content (%):	approx. 7

APPLICATION DATA	
Dilution ratio:	ready to use; can be diluted up to 50% with water
Recoat time:	12-24 hours according to normal humidity and temperature, in any case once the substrate is completely dry
Application temperature range:	+5°C to +35°C
Consumption (kg/m²):	0.10-0.15

FINAL PERFORMANCES	
VOC content in ready to use product (European Directive 2004/42/CE) (g/l):	≤ 5

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in force at the time of the MAPEI product installation.

The most up-to-date TDS can be downloaded from our website www.mapei.com.

ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.

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