



**MAPEI**

# Silancolor Primer Plus

**Siloxane-based primer for  
the hygiene of walls**

**SMOOTH FINISH**

**MOULD- AND MILDEW-RESISTANT**

## WHERE TO USE

**Silancolor Primer Plus** is a silane and siloxane-based primer in water emulsion, used to even out the absorption of substrates and make them suitable for painting with finishing products from the **Silancolor Plus** range. Moreover, **Silancolor Primer Plus** resists to the growth of mould and mildew.

**Silancolor Primer Plus** forms the base for the **Silancolor Plus** system for protecting walls.

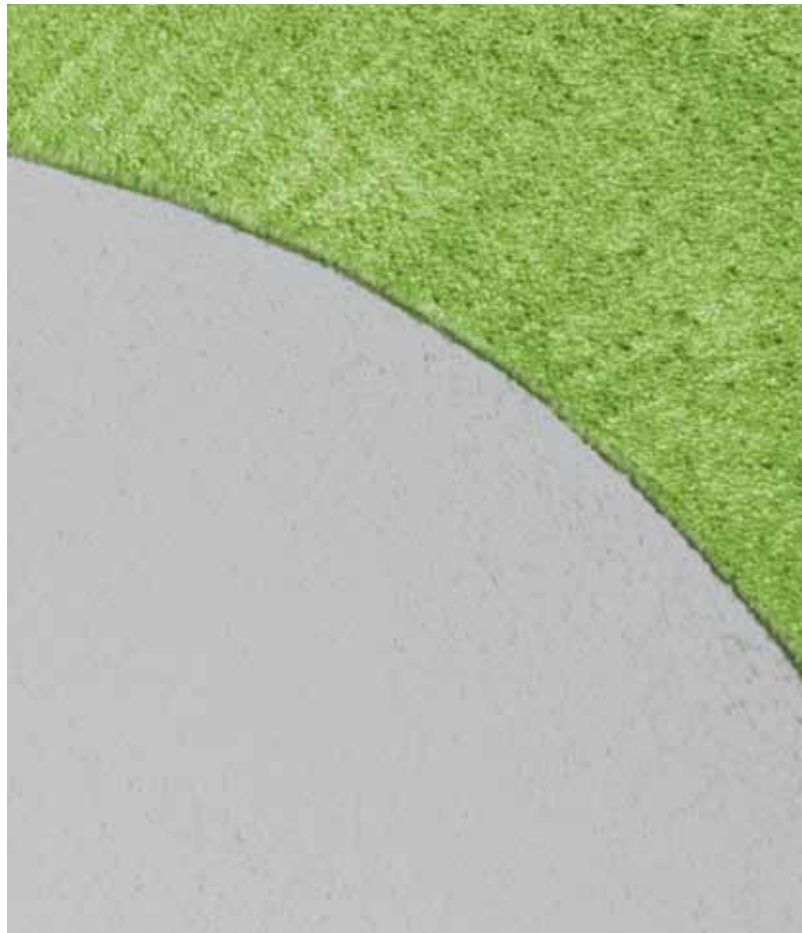
**Silancolor Primer Plus** performs its protective action right from the start of the painting cycle, and helps to eliminate the causes of damage to walls caused by the growth and spread of mildew and mould.

## Some application examples

Base preparation for façades damaged by mildew and mould before painting, or for surfaces where deposits of these types of microorganisms need to be prevented.

## TECHNICAL CHARACTERISTICS

**Silancolor Primer Plus**, together with the coloured finishes from the **Silancolor Plus** range, forms a painting system for internal and external surfaces which guarantees wide protection against chemical attack, UV rays and damp, while maintaining the breathable characteristics of the substrate and forming a water-repellent coat, and towards microorganisms that damage and break down the walls of buildings.



TECHNICAL DATA (typical values)	
<b>PRODUCT IDENTITY</b>	
Concistency:	fluid liquid
Colour:	milky
Density (EN ISO 2811-1) (g/cm <sup>3</sup> ):	approx. 1.01
Dry solids content (EN ISO 3251) (%):	approx. 5
<b>APPLICATION DATA</b>	
Dilution rate:	ready to use
Waiting time before painting over:	at least 24 hours under normal humidity and temperature conditions, and in all cases only when the previous layer is completely dry
Application temperature:	from +5°C to +35°C
Consumption (kg/m <sup>2</sup> ):	0.1-0.3
<b>FINAL PERFORMANCES</b>	
VOC content of the ready-to-use product (European Directive 2004/42/CE) (g/l):	≤ 22

**Silancolor Primer Plus** is a silane and siloxane-based primer in water dispersion with high penetration properties.

**Silancolor Primer Plus** evens out the absorption of the substrate and promotes good bonding.

**Silancolor Primer Plus** is odourless and does not contain solvents, which makes it suitable for applications in closed or poorly ventilated areas.

**Silancolor Primer Plus** contains an anti-mould and anti-mildew agent.

#### RECOMMENDATIONS

- Do not use **Silancolor Primer Plus** on metal surfaces.
- Do not apply **Silancolor Primer Plus** on damp substrates or on substrates that are not well cured.
- Do not apply **Silancolor Primer Plus** if the temperature is lower than +5°C or higher than +35°C (the surface must be dry in all cases and must never be exposed to direct sunlight).

- Do not apply **Silancolor Primer Plus** if the level of humidity is higher than 85%.

- Do not apply **Silancolor Primer Plus** if it is about to rain or in windy weather.

- Please refer to the "Safety instructions for preparation and application" section.

#### APPLICATION PROCEDURE

##### Preparation of the substrate

New surfaces or surfaces which have been patched-up with repair mortar must be well cured, perfectly clean, sound and dry.

Completely remove all traces of oil or grease from the surface and parts which are not well attached.

If present, eliminate all traces of mildew, mould and fungi. They must only be removed while damp, with **Silancolor Cleaner Plus**.

Apply **Silancolor Cleaner Plus** on the entire surface using a low-pressure, manual spray gun or with a brush. Let the product penetrate into the surface,

and then wait for a few minutes while the cleaning action takes place.

Remove excess mildew, mould and fungi with a brush.

Repeat this operation a number of times, and apply **Silancolor Cleaner Plus** continuously to help it to penetrate deeply.

Seal any cracks which are present and repair the parts which are in poor condition.

Seal off the porosity and smooth off any uneven areas in the substrate with mortars and smoothing compounds from the MAPEI Building Products line.

### Preparation of the product

**Silancolor Primer Plus** is ready-to-use. Shake well before use.

### Application of the product

If the walls have been previously cleaned with **Silancolor Cleaner Plus**, wait until the surfaces are completely dry before applying **Silancolor Primer Plus**.

Mix **Silancolor Cleaner Plus** well before use, and apply it using conventional techniques with a brush, a roller or by spray.

Protect from rain for at least 12 hours.

**Silancolor Primer Plus** may be painted over after 24 hours.

### Cleaning

Before it dries clean **Silancolor Primer Plus** from brushes, rollers and spraying equipment with water.

### CONSUMPTION

Consumption is heavily influenced by the absorption of the substrate. Under normal conditions, consumptions are generally 0.10-0.30 kg/m<sup>2</sup>.

### PACKAGING

**Silancolor Primer Plus** is supplied in 2 and 10 kg plastic drums.

### STORAGE

24 months is stored in a dry place away from sources of heat, and at a temperature

of between +5°C and +30°C. Protect from frost.

### SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

**Silancolor Primer Plus** is irritant and may cause sensitisation in those subjects sensitive to such substances. When applying the product, we recommend the use of protective gloves and goggles and to take the usual precautions for handling chemical products. If the product comes into contact with the eyes or skin, wash immediately with plenty of clean water and seek medical attention.

**Silancolor Primer Plus** is also hazardous for aquatic life. Do not dispose of it in the environment.

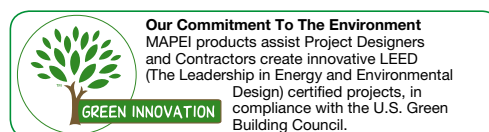
For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

### 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](http://www.mapei.com)**



**All relevant references for the product are available upon request and from [www.mapei.com](http://www.mapei.com)**



**Silancolor**  
Primer Plus



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