

SILANCOLOR CLEANER PLUS

Hygienising treatment in watery solution

HIGH PENETRATION

MOULD AND ALGAE-RESISTANT



WHERE TO USE

Silancolor Cleaner Plus is a water-based product used to treat deteriorated surface by algae and mould before painting with **Silancolor Plus** protection system.

Silancolor Cleaner Plus forms the basis of the **Silancolor Plus** protection system for façades, and has a deep-down cleansing action which removes algae and mould from surfaces damaged by such microorganisms.

Some application examples

Deep cleaning of façades damaged by algae and mould before painting.

TECHNICAL CHARACTERISTICS

Silancolor Cleaner Plus, together with the finishing system from the **Silancolor Plus** range, forms a highly-efficient protective cycle for the surface of walls towards the formation of algae and mould, even if they are already present on the wall.

Silancolor Cleaner Plus penetrates into substrates and carries out a deep-down hygienising treatment of areas damaged by the action of mould and mildew.

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

Silancolor Cleaner Plus contains specific additive for the control of mould and algae growth.

RECOMMENDATIONS

- Do not use **Silancolor Cleaner Plus** on metal surfaces.
- Do not apply **Silancolor Cleaner Plus** if the temperature is lower than +5°C or higher than +35°C.
- Do not apply **Silancolor Cleaner Plus** on wet surfaces.
- Do not apply **Silancolor Cleaner Plus** if it is about to rain (protect from driving rain for at least 8 hours).
- 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 with repair mortar must be well cured, perfectly clean, sound and dry. Completely remove all traces of oil or grease from the surface and areas which are not well attached.

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

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

Preparation of the product

Mix well the product before use. Depending on the level of biological damage **Silancolor Cleaner Plus** may be applied neat or diluted till a ratio of 1:3 with water.

Algae, mould and fungi must only be removed while damp, that is, after the surface has been thoroughly cleaned with **Silancolor Cleaner Plus**.

Apply the product on the entire surface using a low-pressure, manual spray gun or by brush. Let the product penetrate into the surface, and then wait for a few minutes while the cleaning action takes place.

Remove excess algae, mould and fungi with a brush.

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

Protect from rain for at least 8 hours.

Silancolor Cleaner Plus does not need to be cleaned from the surface; it is perfectly compatible with the preparation and finishing products from the **Silancolor Plus** range.

Silancolor Primer Plus may then be applied after approximately 12-24 hours, or once the wall has completely dried.

CLEANING

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

CONSUMPTION

The consumption is heavily influenced by the absorption of the substrate and the amount of algae and mould present on the surface. The average consumption rate is as follows: 0.20-1.0 kg/m² of ready-to-use solution.

PACKAGING

Silancolor Cleaner Plus is supplied in 1 and 5 kg plastic drums.

STORAGE

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

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Silancolor Cleaner Plus is irritant for the eyes and if in contact with the skin, may cause sensitization in those predisposed. When applying the product, we recommend using protective gloves and goggles and to take the usual precautions for handling chemical products. If the product comes in contact with the eyes or skin, wash immediately with plenty of clean water and seek medical attention.

Then, **Silancolor Cleaner Plus** is hazardous for aquatic life. Do not dispose of this product in the environment.

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

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Consistency:	fluid liquid
Colour:	transparent
Density (EN ISO 2811-1) (g/cm ³):	ca. 1.01
APPLICATION DATA	
Dilution rate:	ready-to-use or diluted max 300% with water
Waiting time before painting over:	12-24 hours according to humidity and temperature conditions, and in any case only when the previous layer is completely dry

Application temperature:	from +5°C to +35°C
Consumption (kg/m ²):	0.2-1.0 of ready-to-use solution

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

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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.

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