

# SILEXCOLOR PRIMER

Silicate-based primer. Smooth finish and highly transpirant



## WHERE TO USE

**Silexcolor Primer** is a modified potassium silicate-based primer in water solution. It is used to promote bonding and to even out the absorption of the substrate before final application of coloured finishes from the **Silexcolor** range. When used in conjunction with **Silexcolor** coloured finishes, **Silexcolor Primer** forms a finishing system which guarantees protection of masonry substrates against attack by aggressive chemical products, U.V. rays and damp in general. Transpiration of the substrate remains unchanged, and the product forms a highly decorative and attractive finish on the surface.

### Some application examples

- Primer coat on **Mape-Antique** and **PoroMap** render.
- Primer coat on cementitious and lime-based render.
- Primer coat on de-humidifying render.

## TECHNICAL CHARACTERISTICS

**Silexcolor Primer** is a modified potassium silicate-based primer in water solution used to make the absorption property of the substrate uniform before applying the **Silexcolor** finishing coat.

**Silexcolor Primer** penetrates deep down into absorbent substrates without forming a surface film, and without altering its water vapour diffusion capacity.

**Silexcolor Primer** also promotes bonding for products from the **Silexcolor** range, and helps the silicatisation process.

**Silexcolor Primer** helps to consolidate surface dust of the surfaces to be treated.

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

## RECOMMENDATIONS

Do not apply the **Silexcolor Primer** cycle on painted substrates. Do not apply **Silexcolor Primer** on gypsum-based substrates.

**Silexcolor Primer** must always be applied on substrates before applying the final **Silexcolor** silicate finishing coat.

During application, wear suitable protective goggles and gloves.

Use masking tape to protect adjacent areas not to be painted (fittings, glass, tiles, etc.) to avoid them coming into contact with **Silexcolor Primer**, as it could stain these materials.

While pouring the product, do not use unlined glass or metal containers.

## HOW TO USE

### Preparation of the substrate

The surfaces to be treated must be well-cured, perfectly clean, sound and dry.

Completely remove all traces of oil and grease from the surface.  
Seal off the porosity and smooth off any uneven parts in the substrate.  
**Highly important:** substrates must be completely free of residues of old paint.

## Preparation of the product

**Silexcolor Primer** is ready to use.

## Application of the product

Mix **Silexcolor Primer** well before use, and apply it using conventional techniques with a brush, a roller or by spray. One single coat is sufficient to guarantee good impregnation.

Protect from rain for at least 12 hours.

**Silexcolor Primer** may be painted over with **Silexcolor** finishing compounds after 12-24 hours.

# PRECAUTIONS TO BE TAKEN DURING PREPARATION AND APPLICATION

If the product comes into contact with the eyes, rinse off well with plenty of clean water and seek medical attention.

## CLEANING

Clean **Silexcolor Primer** from brushes, rollers and spraying equipment before it dries with water.

## CONSUMPTION

0.1-0.15 kg/m<sup>2</sup>.

## PACKAGING

**Silexcolor Primer** is supplied in 10 kg plastic drums.

## STORAGE

If stored in a dry place in its original packaging at a temperature of between +5°C and +30°C, **Silexcolor Primer** may be stored for up to 12 months.

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

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values) In compliance with: – DIN 18363	
PRODUCT IDENTITY	
Consistency:	fluid liquid
Colour:	transparent
Density (ISO 2811-1) (g/cm <sup>3</sup> ):	approx. 1.10
Dry solids content by weight (ISO 3251) (%):	approx. 17
EMICODE:	EC1 Plus - very low emission

APPLICATION DATA	
Dilution ratio:	ready to use
Waiting time before painting over:	12-24 hours, depending on humidity and temperature conditions and, in any case, only when the previous layer is completely dry
Application temperature:	from +8°C to +35°C
Consumption (kg/m <sup>2</sup> ):	0.10-0.15
FINAL PERFORMANCE	
VOC content of the ready-to-use product (European Directive 2004/42/EC) (g/l):	≤ 3

## 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)**

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

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