WHERE TO USE

• Base filling layer, with quartz granules, for de-humidifying render before applying layered finishing materials from the Silexcolor range.

• Base layer on old organic paint, including paintwork which is slightly flaky, to help the bonding of coloured finishing products from the Silexcolor range.

• Base levelling and filling layer for old render, if not excessively deteriorated or crumbly, before applying layered finishing materials from the Silexcolor range.

• Base layer with the same colour as the final layer, to help cover the final layer of paint or layered finishing material in bright, lively colours, which are clean and only offer partial covering.

Some application examples
Silexcolor Base Coat is used to prepare the base layer on cementitious surfaces or Mape-Antique and Poromap de-humidifying render before applying the final coloured finishing coat to regulate absorption of the substrate and improve bonding.

Silexcolor Base Coat is indispensable when “scratch-effect“ finishes are applied, to avoid the substrate showing through the more transparent part.

Silexcolor Base Coat may be used to even out the surface, by creating an even finish and by covering small imperfections. When applied in white, or in a colour similar to the final coat, it helps to integrate the final coat particularly when bright, lively colours are
applied, which do not usually have good covering properties.

Thanks to its special formulation, Silexcolor Base Coat improves the final bond of potassium silicate-based finishing products, when applied on old, organic resin-based finishing materials.

**TECHNICAL CHARACTERISTICS**

Silexcolor Base Coat is a modified potassium silicate-based paint in water dispersion, with micro-granular quartz and selected charges. It is used to even out the absorption of the substrate and promote bonding of successive coats of paint and layered finishing materials from the Silexcolor range.

Surfaces treated with Silexcolor Base Coat have a uniformly rough finish, which makes it easier to apply layered finishing materials, particularly when applied by trowel. This results in a more even distribution of the finishing material over the entire surface.

**Silexcolor Base Coat** is available in a wide range of colours, created using the ColorMap® automatic colouring system.

**RECOMMENDATIONS**

- Do not use Silexcolor Base Coat on metal surfaces.
- Do not apply Silexcolor Base Coat if the temperature is lower than +8°C or higher than +35°C.
- Do not apply Silexcolor Base Coat if the humidity is higher than 85%.
- Do not apply Silexcolor Base Coat on damp or partially-cured substrates.
- Do not apply Silexcolor Base Coat if rain is forecast, in windy weather or under direct sunlight.
- Silexcolor Base Coat is not a consolidator and should never be applied on detached surfaces that are not firmly anchored to the substrate.
• Cover adjacent areas that are not to be coated (windows, doors, tiles, etc.).

• Do not use uncoated metal or glass containers when transferring the product from one container to another.

• Please refer to the “Safety instructions for preparation and application” section.

APPLICATION PROCEDURE
Preparation of the substrate
New surfaces or surfaces repaired with touch-up mortar must be cured, perfectly clean, sound and dry. Remove all traces of oil and grease and parts which are not well-attached from the surface. Seal any cracks which are present and repair any deteriorated areas. Seal off the porosity and smooth off any uneven parts in the substrate.

Preparation of the product
Silexcolor Base Coat may be used neat, or diluted with 5-10% water or Silexcolor Primer. Make sure that the product is well blended, and use a low speed drill if possible for blending. If only a part of the product is to be prepared, mix the Silexcolor Base Coat in its original container before pouring off the quantity required.

Application of the product
Mix Silexcolor Base Coat well before use, and apply it using conventional techniques with a brush, a roller or by spray (air mix). A single coat of Silexcolor Base Coat is usually sufficient to prepare the substrate. However, if the substrate is particularly uneven, a second coat may be required. Protect from rain for at least 12-24 hours. Silexcolor Base Coat may be painted over after 12-24 hours.

Cleaning
Clean Silexcolor Base Coat from brushes, rollers and spraying equipment (air mix) before it dries with water.

CONSUMPTION
Consumption is heavily influenced by the absorption and the roughness of the substrate and by imperfections on the surface, and according to the application technique used. Under normal conditions, consumption is generally 0.3-0.5 kg/m² per coat.

PACKAGING
Silexcolor Base Coat is available in 20 kg plastic drums.

STORAGE
12 months if stored in a dry place, away from sources of heat at a temperature of -5°C to +30°C. Protect from frost.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION
Silexcolor Base Coat is not considered dangerous according to current standards and regulations regarding the classification of mixtures. However, the use of protective gloves and goggles and the application of the usual precautions taken when handling chemical products are recommended. If the product is applied in a closed environment, make sure the room is well ventilated. 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

All relevant references for the product are available upon request and from www.mapei.com