
PAINT TYPE	Water-borne, inorganic, one component potassium waterglass-based primer for mineral surfaces.
USAGE	For pretreatment and priming of mineral surfaces in- and outdoors which will be painted with SILIKATFÄRG silicate paint. See data sheet 924: SILIKATFÄRG silicate paint.
SPECIAL PROPERTIES	Binds and reinforces brittle substrates and enhances even absorption of the top coat.

TECHNICAL DATA	
Solids	About 7 % by volume
Binder	Potassium waterglass
Volatile organic compound (VOC)	EU VOC limit value (kat A/h): 30 g/l 2010. The product's VOC: max. 30 g/l.
Practical spreading rate	3 - 5 m ² /l The values may vary considerably depending on the absorbing properties and construction of the substrate.
Density	1.1 g/ml
Drying time +23°C, the relative air humidity 50%	
Overcoatable	after 12 h The drying process will be slower in cold and/or damp.
Thinner, clean up	Water
Colours	Clear
Packages (availability varies by country)	10 L

SAFETY MARKINGS	See Safety Data Sheet.
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DIRECTION FOR USE**Surface preparation****NEW SURFACES:**

It is recommended that new plaster surfaces are coated only after a hardening time of 6 - 8 weeks. Remove all dirt, dust and other loose impurities from the surfaces by cleaning with high pressure washer, if needed.

See data sheet 924: SILIKATFÄRG silicate paint.

PREVIOUSLY PAINTED SURFACES:

Remove flaking and poorly adherent or chalking, pulverized (e.g. lime wash) old paint coats. The method to be used is chosen depending on the strength of the substrate and the type of the paint to be removed (e.g. wire-brushing, hot pressurized-water cleaning or water-sand cleaning). Remove also poorly adherent, brittle plaster and concrete surfaces. Patching of the plaster and other repairs are made using appropriate mortars to the level of the surrounding surface. Finish the repaired areas carefully and let them harden before they are painted.

Priming

Before use stir the product thoroughly.

Priming is not needed on solid cement plaster, concrete or painted surfaces. Strongly absorbent porous substrates, such as plaster and surfaces painted with lime paint, are pretreated with SILIKATBINDER Silicate Primer diluted with water in the ratio of 1:1.

NB! Silicate primer and paint are corrosive. Protect glass, glazed, natural stone and metal surfaces. Wear eye and skin protection.

Priming

PRIMING is done with a mixture of SILIKATFÄRG Silicate Paint and SILIKATBINDER Silicate Primer. Mixing ratio 2:1.

Application methods

Apply the primer by brush, roller and/or airless spray. Recommended nozzle size for spray is 0.013 - 0.017".

Application conditions

During the application and drying period the temperature of the ambient air, the surface and the paint shall be above +10 °C and the relative air humidity below 80%.
Avoid application in direct sunlight.

STORAGE

Must not freeze.

Storage life: about 12 months.

The information of this data sheet is based on laboratory tests and practical experience. The figures are for guidance only and depend on, for example, colour and gloss. As we have no control over the use and application conditions, we are only responsible for the quality of the product and guarantee that it conforms to our quality control. We accept no liability for any loss or damage resulting from the application of the product contrary to the directions or the intended use. The latest versions of our data sheets, material safety data sheets and system sheets are on our home pages www.teknos.com.



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