

Silicate Primer 1803

Silikat-Grund 1803

Primer and thinning material based on the silicate-system, for exterior and interior use

Properties

Deeply penetrating, water thin- nable primer and thinning mate- rial on a silicate base with or- ganic stabilizers for exterior and interior use.

Field of application

For priming and solidifying min- eral surfaces, e.g. plaster (mor- tar group Plc, PII, PIII), concrete, sand-lime brickwork and intact mineral paints, for the prepara- tion for subsequent silicate coat- ings. In addition can be used as a thinning agent for silicate paints.

Material description

Color: colorless

Material base: Potassium water glass with organic stabilisers as specified in VOB, DIN 18 363

Density: Approx. 1.10 g/cm³

Packaging: 5 l, 10 l

Use

Mixing

Mix Silicate Primer 1803 with cold, clear water and, if neces- sary, silicate paint in the given mixture ratio in a clean con- tainer.

Mixing ratio

1:1 (Silicate Primer 1803 and water), for priming very porous surfaces or as thinning material for silicate paints.

1:1:1 (Silicate Primer 1803, wa- ter and silicate paint), for the priming of normal to weak ab- sorbent surfaces.

Compatibility

Only mixable with similar prod- ucts and those specified in this Data Sheet.

Application

The mixture should be applied and worked in by brush.

Consumption

Approx. 100 ml/m² (unthinned), approx. 200 ml/m² per coat (mix- ture 1 : 1 with water).

Exact consumption can be de- termined by a test application on the object to be painted.

Application temperature

Do not apply if air or object tem- perature is under +8°C.

Tool cleaning

Clean tools immediately after use with water.

Drying

(+20°C, 65% rel. humid.)

Can be recoated and further systems applied after at least 12 hours.

Allow longer drying times at a lower temperature and/or higher air humidity.

Storage

Cool and frost free. Reseal con- tainers tightly.

Declaration

Water danger class

WGK 1, as specified in VwVwS

Product-Code

M-SK02

Comply with the specifications in the current safety data sheet.

Building up the coating

Surface preparation

The surface must be solid, dry, clean, load bearing and free from efflorescence, sintered layers, separating agents, corrosion promoting components or other compounds affecting intermediate layers. Check existing coatings for their suitability, load carrying and adhesive properties. Completely remove any coatings that are not intact or unsuitable and dispose of these in accordance to the regulations. Thoroughly clean areas affected by fungal and algae attack and treat with Universal Fungicide 542*. (* Take due care when using biocides. Always read label and product information before use.) Treat replastered areas with a fluorine primer. The surfaces should be pre-treated as required. Also see VOB Part C, DIN 18 363, Paragraph 3.

Priming

Silicate Primer 1803 should be applied to mineral surfaces e.g. plaster (mortar group Plc, PII, PIII), concrete, sand-lime brickwork and intact mineral paintwork at the given mixture ratios.

Further coats

Depending on the requirements or choice e.g. with Brillux Silicate Paints.

Notes

Cover surfaces

Carefully cover the area around the painted surface, especially glass, brickwork and natural stone.

Filling cracks and damaged areas

Fill any cracks and damaged areas, after priming with a mixture of silicate paint and quartz sand, level with the surface. Prime leveled places. Re-plaster larger damaged places and treat them with a fluorine primer after they are dry. If the following paint is tinted then prime the whole surface.

Further specifications

Note the additional information in the Data Sheets of the products that are to be applied.

Additional products

- Silicate Wallpaint ELF 1807
- Silicate Facade Paint 1804
- Silicate Inside Paint ELF 1806
- Silicate Brush Filler 3639

Remark

This Data Sheet was prepared taking into account the German laws, Standards, specifications and Codes of practice. All details were translated on the basis of the current German version. The contents do not form part of a legal contract. The user/purchaser is not released from the responsibility of checking that our products are suitable for the proposed use. In addition our general business conditions apply.

When a new version of this Data Sheet appears with updated information the previous version loses its validity. Version III

Brillux
Postbox 16 40
48005 Münster
Tel. +49 (0)251 7188-0
Fax +49 (0)251 7188-105
www.brillux.com
www.brillux.de
info@brillux.de