

Keim Soldalit® - Grob

The new generation: Sol-Silicate paint.

Product Characteristics:

- Binder basis: combination of silica sol and water glass (= Sol-Silicate)
- Equalises textures
- Universal application
- Alkaline, therefore no conservers
- Not flammable (acc. to DIN 4102-A2)
- Open to water vapor diffusion, non-film forming, microporous
- Does not contain solvents and plasticizers

Product Information:

Keim Soldalit - Grob is a filled silicate based paint for base and intermediate coats within the Soldalit system, which is based on an entirely new binder combination of silica sol and water glass. This binder combination does not only allow the application of silicate coatings on mineral substrates but also on a large variety of organic substrates, directly and without additional bridging coats. Keim Soldalit represents the basis for a new generation of silicate paint, the Sol-Silicate paint allowing a so far unknown variety of applications. It comprises weather-resistant fillers and purely inorganic pigments and combines all the advantages of the classical dispersion silicate paint with the variety of substrates of organic bound paint systems.

Keim Soldalit as well meets the requirements of DIN 18.363, 2.4.1 "Dispersion silicate paint".

Field Of Application:

Keim Soldalit - Grob serves as base resp. intermediate coat as well as for the equalisation of textural differences or closing of hairline cracks during renovation or new coatings on well-adhering old organic coatings, especially dispersion or silicone resin-based paints and renders and on mineral substrates. Exceptions are: plasto-elastic coatings, saponifiable old paints (e.g. certain oil-based paints), not-wettable substrates (e.g. lacquers and varnishes) as well as EIFS and AIC building slabs.

Packaging:

Buckets with 5kg and 25kg.

Storage:

Approx 6 months, if kept cool, free from frost in tightly closed containers.

Please note: Remnants of material from opened containers are to be filled in smaller buckets in order to maintain the air content in the bucket at the lowest possible level.

Identification Ref Ordinance of Dangerous Materials.

Not applicable.

Danger class in Goods traffic.

Not applicable.

Material Data:

Specific Gravity:	appr.1.65 g/cm ³
Sd-value:	Sd=0.02m
Organic content:	<5%
pH-value	appr. 11

Colour Shades:

White and colours following **Keim-Palatte Exklusiv**.

Please note: The mixing and blending with products not part of the system is not admissible. This applies as well for **Keim** products which are not part of the **Soldalit** system.

Application Instructions:

Substrate Preparation:

The substrate must be sound, dry, non-chalking, clean, dust and grease free. Loose and brittle parts are to be removed mechanically or by water pressure jet. Missing parts are to be repaired and equalised in structure with a suitable repair material. Sinter layers must be removed. Strongly absorbent areas should be primed with **Keim Soldalit Fixativ**.

Repaired areas or larger cracks or strong differences in texture may possibly necessitate a base coat with **Keim Contact-Plus** instead of **Keim Soldalit-Grob**.

Decoration:

Keim Soldalit-Grob may be applied by brush or roller, whereas the use of a roller will lead to a reduced filling effect.

Drying time: A minimum drying time of 12 hours between the different coats of the **Soldalit** system is required.

Base coat: Keim Soldalit-Grob is to be applied undiluted. On strongly absorbent substrates the product may be diluted with up to max. 10% (up to max 2.5 / per 25kg paint) of **Keim Soldalit Fixativ**.

Intermediate coat: In case of intermediate coat, **Keim Soldalit-Grob** is applied undiluted.

Final coat: Keim Soldalit undiluted.

Working conditions: Air and surface temperature >5°C.

Application only under dry conditions. Do not apply under direct sun, on heated surfaces or strong wind. Substrates should be protected after application from too fast drying, wind and rain.

Consumption rate per 10.5 sq.ft. (1 m²).

(for one base coat of **Keim Soldalit-Grob** on a smooth substrate) approx.0.25kg **Keim Soldalit-Grob**.

Tools

Clean immediately after use with water.

Disposal:

Dispose completely emptied containers in accordance with local, state and federal regulations.

Safety Instructions:

All areas which are not to be coated with **Keim Soldalit** eg. glass, natural stone, ceramics, wood, etc., are to be protected by suitable measures. Splashes on these or traffic and other surrounding areas must be removed immediately with plenty of water.

Protect eyes and skin from splashes. Do not swallow. Keep out of reach of children.

Refer to the relevant safety data sheets.

Equus Industries Ltd
PO Box 601
Blenheim
Phone: 03 578 0214 Fax 03 578 0919
Email: admin@equus.co.nz