

Note on English translation / Hinweise zur englischen Fassung

This is a translation of the product data sheet valid in Germany.

All stated details and properties are in compliance with the regulations of the German standards and building regulations. They are only applicable for the specified products, system components, application rules, and construction details in connection with the specifications of the respective certificates and approvals.

Knauf Gips KG denies any liability for applications outside of Germany as this requires changes acc. to the respective national standards and building regulations.

KNAUF

Plaster and Façade Systems

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Product Data Sheet

2021-10



Grundol

Silicone reinforced deep primer on absorbent substrates

Product description

Grundol is a ready-to-use, silicone-reinforced, fine-particle, aqueous deep primer on a synthetic resin dispersion, and is solvent-free and softener-free as well as alkaline resistant for surface solidification and regulation of the suction properties.

Storage

It can be stored for at least 18 months in the original unopened container in a cool and frost-free (+5 °C to +25 °C) environment. Close opened buckets airtight. Do not expose to direct sunlight or heat.

Quality

The product is subject to continuous factory production control.

Properties and added value

- For interior and exterior use
- Ready-to-use
- Very good penetration power
- Diffusion permeable
- Surface consolidating
- Dust binding
- Absorption regulating
- Solvent and softener free
- Particularly low-emission EC1^{PLUS}
- Suitable for hand or machine application



www.emicode.com/en

Silicone reinforced deep primer on absorbent substrates

Field of application

For interior and exterior use on:

- gypsum plasters, gypsum/lime plasters, lime plasters as well as lime/cementitious plasters,
- gypsum and gypsum fibre boards,
- plaster blocks,

for equalization of different absorption properties, surface solidification, binding building dust before the application of suitable thin-plasters (parge), jointing compounds, paint layers, tiles and wallpapers.

Grundol binds mildly chalking, but firmly adhering and stable emulsion paint coatings and provides a certain level of dampness protection (not a vapour barrier!) with gypsum elements.

Application

Substrate and pretreatment

Substrate	Pretreatment
Distemper, peeling paint and other loose sanding and crumbling layers	Remove using a wire brush and broom, spot repair where required

The substrate must be stable, dry, firm and sufficiently dimensionally stable. Furthermore, the substrate must be free of dust, free of debris, oil, grease, formwork release agents, concrete curing agents, sinter layers, impurities and unfavourable efflorescences and compliant with the requirements for evenness of surfaces of construction components acc. to DIN 18202.

Preparation

Protect easily-soiled building components, particularly glass surfaces, wood, metal, natural stone and floor covering. Protect weather-exposed surfaces from precipitation. Observe the Code of Practice "Abklebe- und Abdeckerarbeiten für Maler- und Stuckateurarbeiten" issued by the Bundesverband Ausbau und Fassade (German only).

Note	Do not mix Grundol primer with other materials because properties can possibly change significantly. Heavily sanding and crumbling, non-stable plaster layers / old coatings cannot be solidified with Grundol.
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Application

Stir the contents of the bucket thoroughly before application. Grundol is applied undiluted with a painting brush, roller or spray gun. Remove excess material or use a roller on the surface after spray on so that no glossy spots or pools occur.

For highly absorbent and porous surfaces, the solidifying effect and penetration depth can be enhanced if two coats are applied fresh-in-fresh. Clean tools directly after use with water.

Remove contaminations of Grundol primer (splashes or similar) on the contaminated surfaces preferably in the fresh state with warm water. Dried material can be removed after softening using a wiping cloth.

Application temperature / climate

The material, substrate and air temperatures during application and until the primer is fully dry should not fall below +5 °C.

Drying

Wait with subsequent work until Grundol primer is no longer adhesive and has fully dried (min. 12 hours at +20 °C and 65 % rel. humidity).

Correspondingly longer drying times result from cool and damp site conditions.

Absorbent substrates as well as good ventilation reduce the drying times.

The time after drying of Grundol and commencement of the subsequent work should be kept as short as possible to avoid dust depositing on the surfaces.

Technical data

Description	Standard	Unit	Grundol
Density	–	kg/l	approx. 1.0
Viscosity	–	–	Low viscosity (thin flowing)
pH value	–	–	approx. 8

The stated technical data were evaluated acc. to the respective test standards. Deviations under site conditions are possible.

Material requirement and efficiency

Substrate	Consumption per application ml/m ²	Yield m ² /bucket
Low absorbency	100 – 150	approx. 67 – 100
High absorbency	Up to 250	approx. 40

The exact consumption can only be determined with a test application on the individual object.

Product range

Description	Application	Packaging unit	Material number	EAN
Grundol	10 l	36 buckets/pallet	00078643	4003950057878

Sustainability and environment

Short description	Value
Requirements of the German AgBB-scheme	Compliant
VOC content acc. to RL2004/42/EC	< 0.1 %, < 1 g/l
Solvent and softener free acc. to VdL-RL01	Yes
Existing certificates	EC1 ^{PLUS} (acc. to GEV)

**Observe safety data sheet!**

For safety data sheet see

pd.knauf.de

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www.youtube.com/knauf

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