

Note on English translation / Hinweise zur englischen Fassung

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

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Plaster and Façade Systems

2011-11

Knauf Quarzgrund

Bonding primer for finish coats

Product description

Knauf Quarzgrund is a ready-mixed bonding primer for plasters on a synthetic resin emulsion basis filled with silica sand, which is pigmented white and alkaline resistant.

Order information

5 kg bucket	Material no. 00009389
15 kg bucket	Material no. 00005692
■ Coloured:	
15 kg bucket	Material no. 00015168

Storage

The material 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 quality monitoring.

Field of application

For interior and exterior use on

- Lime-cement base coats (e.g. LUP 222, Super Lupp, UP 210, UP 310),
- Base coats (e.g. SM700 Pro, Lustro),
- Gypsum plaster surfaces (e.g. Knauf MP 75 L, MP 75 G/F, MP 75 Diamant),
- Firmly bonded emulsion coats

as a bonding primer before the application of:

- Mineral thin-layer finishing top coats, (e.g. Noblo, SP 260 and RP 240 as well as Pico der Feine),
- Ready-mixed exterior use finish coats (e.g. Conni, Addi, Kati)

Properties and added value

- For interior and exterior application
- Ready-mixed
- Absorption regulating
- Provides bonding substrates
- Pigmented white
- Manual application
- Can be approximately colour shaded to the Knauf ColorConcept colour shade selector card

Application

Substrate	Pre-treatment
Distemper, peeling paint surfaces and other loose sanding and crumbling layers.	Clean with high pressure cold water or wash off and allow to dry fully
Lightly sanding but stable old renders	Clean and prime after drying, if necessary, with Grundol
Plaster blocks	Remove the dust and prime with Knauf Tiefengrund or Grundol.

Primers must dry for at least 12 hours before the next coat is applied.

Preparation

Cover and seal water-tight easily-soiled building components, particularly glass surfaces, wood, metals, natural stone and floor covering. Protect weather-exposed surfaces from precipitation. Observe the Code of Practice "Abklebe- und Abdekarbeiten für Maler- und Stuckateurarbeiten" issued by the Bundesverband Ausbau und Fassade.

Substrate

The substrate must be

- stable, dry, firm and sufficiently dimensionally stable,
- dust-free, free of loose components, oil, grease, sinter layers, impurities and harmful efflorescence

and preliminary tests are necessary with critical substrates, if necessary, crosscut or scratch

tests may need to be performed.

Application

Stir the contents of the bucket thoroughly before application.

Apply undiluted Knauf Quarzgrund evenly and to the entire surface in a crosswise action with a Lambskin Roller / brush.

Clean tools directly after use with water. Remove contaminations with Knauf Quarzgrund (splashes or similar) from the contaminated surfaces preferably in the fresh state with warm water. Dried material can be removed after softening using a wiping cloth.

Drying

Wait with subsequent work until Knauf Quarzgrund is no longer adhesive and has fully dried (min. 12 hours at 20 °C and 65%

rel. humidity). The drying times are extended accordingly under cool and damp site conditions. Highly absorbent surfaces as well as good ventilation shorten the drying times. The time after drying of the Knauf Quarzgrund and commencement of the subsequent work should be kept as short as possible to avoid dust depositing on the surfaces.

Application temperature / climate

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

Special notes

Do not mix Knauf Quarzgrund with other materials because properties can possibly change significantly.

Safety and disposal

See Safety Data Sheet.

Technical data

Density:	approx. 1.4 kg/l
Viscosity:	viscous
pH value:	approx. 8
Water vapour diffusion coefficient μ :	80-100

Material requirement / efficiency

Substrate	Consumption per application g/m ²
Lime-cement finishing coats, base coat, gypsum plasters, adhesive emulsion coats	150-200

All specifications are approximate values and can deviate depending on the substrate. The exact consumption can only be determined on the individual object.

Knauf Direct

Technical Advisory Service:

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