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

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#### Plaster and Façade Systems

# K457b.de

Product Data Sheet

2018-06



# Quarzgrund Pro

Quick drying bonding primer for finish coats

#### Product description

Quarzgrund Pro is a quick drying and ready-mixed bonding primer for finish coats.

#### Composition

Aqueous primer with silica sand, mineral fillers, polymer dispersion, titanium dioxide, water and additives.

#### 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 initial type testing and continuous factory production control.

#### Properties and added value

- Suitable for interior and exterior application
- Fast drying
- Ready to use (do not dilute)
- Absorption regulating
- Provides bonding substrates
- Pigmented white
- Manual application
- Can be pigmented to approximate the Knauf ColorConcept colour shade selector card

## Field of application

For interior and exterior use on:

- Lime-cement basecoats  
(e.g. LUP 222, Super Lupp, UP 210, Sockel LUP, UP 310)
- Basecoat  
(e.g. Sockel-SM, Sockel-SM Pro, SM700 Pro, SM300, Lustro)
- Gypsum plaster surfaces  
(e.g. Knauf MP 75 L, MP 75 G/F-Leicht, MP 75 Diamant),
- Firmly bonded dispersion coats.

As a bonding primer before the application of:

- Mineral thin-layer finishing top coats (e.g. Noblo, Noblo Filz, SP 260 and RP 240)
- Paste-like exterior use finish coats (e.g. Conni, Addi, Kati).

## Application

### Substrate and pretreatment

Substrate	Pretreatment
Gypsum plasters or gypsum lime plasters such as MP 75 L, MP 75 G/F-Leicht, MP 75 Diamant, etc.	If necessary apply a Grundol primer coat.
Lime-cement light plasters such as Super Lupp, LUP 222	If necessary apply a Grundol primer coat.
Lime-cement and cementitious plasters such as UP 210(s), Sockel LUP, UP 310	If necessary apply a Grundol primer coat.
Basecoat such as Sockel-SM, Sockel-SM Pro, SM700 Pro, SM300, Lustro	None
Gypsum wallboards	Primer coat with Grundol
Concrete	Seal small flaws and cavities with Multi-Finish.
Firmly adhering dispersion paint and dispersion silicate based paint	Clean accordingly
Chalking or sanding surfaces	Remove completely, primer coat with Grundol

*For dyed finishing plasters, a primer coat with Quarzgrund Pro bonding primer in the corresponding colour shade is required.*

### Preparation

Check the substrate for compliance with VOB part C, DIN 18350, chapter 3.1 and/or according to VOB part B, DIN 1961 paragraph 4 section 3. Clean the substrate of dust and remove loose parts ensuring that the surface is smooth. Cover easily-soiled building components before commencement in accordance with Code of Practice "Abklebe- und Abdekarbeiten für Maler- und Stuckateurarbeiten" (German only) issued by the Bundesverband Ausbau und Fassade. Protect weather-exposed surfaces from precipitation and direct sunlight. Test the stability and compatibility of existing coats (old plasters and paint coats) before application of Quarzgrund Pro bonding primer.

Preparation of the substrate in accordance with the Substrate and pretreatment table. All substrates must be stable, dry, even and free of grease and dust as well as free of any residual substances that may reduce the adhesion.

Preliminary tests are necessary with critical substrates, if necessary, crosscut or scratch tests may need to be performed.

Allow primer coats to dry for at least 12 hours before continuing work.

### Product application

Quarzgrund Pro bonding primer is ready-to-use and only requires stirring briefly with an electric quirl before application. Apply an undiluted uniform cross coat of Quarzgrund Pro bonding primer on all the substrate with a lambskin roller or a brush.

### Drying

Wait with subsequent work until Quarzgrund Pro bonding primer is no longer sticky and has fully dried.

Drying is completed when Quarzgrund Pro bonding primer no longer bonds to your finger when you rub it. It is also necessary to check areas that are less-well ventilated, e.g. inside corners.

### Drying time

Allow to dry for at least 2 hours at +20 °C and 65 % relative air humidity.

Correspondingly longer drying times result from cool and damp site conditions. Highly absorbent surfaces as well as good ventilation shorten the drying times.

The time after drying of the Quarzgrund Pro bonding primer and the start 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 temperatures during application and until the primer is fully dry should not fall below +5 °C.

### Cleaning

Clean tools directly after use with water. Remove contaminations with Quarzgrund Pro bonding primer (splashes or similar) on the soiled surfaces preferably in the fresh state with warm water. Dried material can be removed after softening, using a damp wiping cloth or similar.

#### Note

Do not mix Quarzgrund Pro bonding primer with other materials because its properties can possibly change significantly.

**Technical data**

Description	Unit	Value	Standard
Density	kg/l	1.3	–
Viscosity	mPa·s	Viscous, thick flowing	–
pH value	–	approx. 10	–
Diffusion-equivalent air layer thickness $s_d$	m	< 0.14 m	EN ISO 7783

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

**Material requirement and efficiency**

Application Bucket	Consumption g/m <sup>2</sup>	Yield m <sup>2</sup> /bucket
5 kg	170	30
15 kg	170	90

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

**Product range**

Description	Application	Material number	EAN
Quarzgrund Pro	5 kg	00479781	4003950098642
	15 kg	00479779	4003950098635
	5 kg pigmented	00517586	4003950100598
	15 kg pigmented	00479782	4003950098659

**Sustainability and environment**

Short description	Value
Requirements of the German AgBB-scheme	fulfilled
Corresponds to the French emissions class	A+
VOC content acc. to RL2004/42/EG	< 0.1 %; < 1 g/l
Solvent and softener free acc. to VdL-RL01	Yes



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