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

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Floor Systems

F434.de

Product Data Sheet

2020-05



Schnellgrund primer

Quick drying primer for substrates in the floor area

Product description

Schnellgrund primer is a ready-to-use, aqueous primer on a synthetic resin emulsion basis, solvent and softener free, pigmented yellow and alkaline resistant.

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

- Fast drying
- For interior and exterior application
- Very low emission, EMICODE EC 1^{PLUS}
For details see www.emicode.com/en
- Solvent-free

- Ready-to-use
- Regulates absorption
- Pigmented yellow
- Manual application

Field of application

For use on interiors and exteriors on normal, low or non-absorbent substrates (e.g. calcium sulphate screed, gypsum fibre boards, mastic asphalt screed, normal and highly compressed cementitious screed, cement boards or chipboard V100).

For regulating the absorptivity and improving bonding properties as a preliminary coat before the application of:

- Floor levelling compounds
- Floor coverings (e.g. tiles)



Application

Substrate and pretreatment

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

The substrate must be

- Stable, dry, firm and sufficiently dimensionally stable as well as
- Dust-free, free of loose components, oil, grease, concrete release agents and treatment agents, sinter layers, impurities and harmful efflorescence.

Preparation

Note Schnellgrund primer retains a certain sticky feel when in the dried state. Do not mix Schnellgrund primer with other materials because properties can possibly change significantly.

Protect easily-soiled building components, particularly glass surfaces, wood, metal, natural stone and floor covering.

Application

Stir the contents of the bucket thoroughly before application. Apply undiluted Schnellgrund primer evenly and to the entire surface in a crosswise action with a floor coater, painter's brush, prime brush or roller. Remove excess material so that no glossy spots or pools occur.

Clean tools directly after use with water. Remove contaminations of Schnellgrund 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 damp wiping cloth or similar.

Drying

Ventilate the rooms well immediately after application. Wait with subsequent work until the Schnellgrund primer is no longer adhesive and has fully dried (min. 2 hours at 20 °C and 65% rel. humidity). Correspondingly longer drying times result from cool and damp site conditions.

Highly absorbent surfaces and/or good ventilation shorten the drying times. The time after drying of Schnellgrund primer and commencement of the subsequent work should be kept as short as possible to avoid dust depositing on the surfaces.

Testing for drying

Primer may no longer bond to your finger when tested with your finger. A water drop applied to the surface may not be absorbed and retain its water drop form for at least 10 minutes. The primer under the water drop may not become *milky* (= the primer takes on a partly white colouring).

Application temperature / climate

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

Substrate	Subsequent coating	Recommended dilution values
Basic concrete, cementitious screed	Bonded calcium sulphate screed, e.g. FE 80 Allegro, FE 50 Largo, FE 25 A tempo	Undiluted
	Thin-screed compound, e.g. N 340	Undiluted
	Equalization compound, e.g. N 320 Sprint	Undiluted
Calcium sulphate screed¹⁾ Flowing screed (e.g. FE 80 Allegro, FE 50 Largo, FE 25 A tempo, N 440)	Equalization compound, e.g. N 320 Sprint	Undiluted
	N 410	Undiluted
	Floor covering adhesive, carpet fixing	Undiluted
Pre-fab floor screed Brio	Filling compound, e. g. N 410	Undiluted
	Tile adhesive mortar, floor covering adhesive, carpet fixing	Undiluted

1) For N 440 (F422.de) on calcium sulphate screed use FE-Imprägnierung (F451.de) as a primer

Technical data

Description	Unit	Value
Density	kg/l	1.0
Viscosity	–	liquid
pH value	–	approx. 8

Material requirement and efficiency

Substrate	Consumption approx. in g/m ² per application
Basic floor	150
Calcium sulphate screed	110
Gypsum fibre board	80
Chipboard V100	90

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

Product range

Description	Application	Packaging unit	Material number	EAN
Schnellgrund primer	5 kg	60 buckets/pallet	00448267	4003982307866
	10 kg	40 buckets/pallet	00287757	4003982271228



Observe safety data sheets!

For safety data sheets and CE marking see
pd.knauf.de



Videos for Knauf systems and products can be found under the following link:

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