

Note on English translation / Hinweise zur englischen Fassung

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

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KNAUF



Floor Systems

F431.de

Product Data Sheet

2020-05



Estrichgrund screed primer

Primer for absorbent flooring substrates

Product description

Estrichgrund screed primer is a concentrated primer on a synthetic resin emulsion basis, is pink in colour 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

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

- Solvent-free concentrate
- Regulates absorption
- Pigmented green
- Manual application

Field of application

For interior application on basic floors intended for the application of bonded screed as well as pre-fab floor screed (e.g. Knauf Brio), calcium sulphate screed (e.g. FE 50 Largo, FE 80 Allegro), and other common mineral-based floor substrates.

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

- Floor filling 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 Do not mix Estrichgrund screed 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. Dilute Estrichgrund screed primer in accordance with the substrate (see table) and apply a uniform cross coat with a floor coater, painter's brush, primer brush or roller. Remove excess material so that no glossy spots or pools occur. Clean tools directly after use with water. Remove contaminations of Estrichgrund screed 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

Wait with subsequent work until the Estrichgrund screed 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.

Highly absorbent surfaces and/or good ventilation shorten the drying times. The time after drying of Estrichgrund primer 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 temperatures during application and until the primer is fully dry should not fall below +5 °C.

| Substrate | Subsequent coating | Recommended dilution values Estrichgrund : Water |
|---|--|---|
| Basic concrete, cementitious screed | Bonded calcium sulphate screed e.g. FE 80 Allegro, FE 50 Largo, FE 25 A tempo | 1 : 1 ¹⁾ |
| | Thin-screed compound, e.g. N 340 | 1 : 1 ¹⁾ |
| | Equalization compound, e.g. N 320 Sprint | 1 : 1 ¹⁾ |
| Calcium sulphate screed²⁾ Knauf flowing screed (e.g. FE 80 Allegro, FE 50 Largo, FE 25 A tempo, N 440) | Equalization compound, e.g. N 320 Sprint | 1 : 1 ¹⁾ |
| | N 410 | 1 : 1 |
| | Tile adhesive mortar, floor covering adhesive, carpet fixing | 1 : 1 |
| Pre-fab floor screed Brio | Filler compounds, flooring adhesive, tiling adhesive | 1 : 1 |
| | Tile adhesive mortar, floor covering adhesive, carpet fixing | 1 : 1 |

1) If required apply 2x primer with highly absorbent substrate, on non-absorbing substrates suitable special primers, e.g. Spezialhaftgrund bonding primer should be used.

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

Technical data

| Density | Viscosity | pH value |
|----------|-----------|-------------|
| 1.0 kg/l | liquid | approx. 7.5 |

Material requirement and efficiency

| Substrate | Consumption approx. in g/m ² per application |
|-------------------------|---|
| Basic floor | 150 |
| Calcium sulphate screed | 100 |
| Pre-fab floor screed | 50 |

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 |
|--------------|-------------|-------------------|-----------------|---------------|
| Estrichgrund | 5 kg | 60 buckets/pallet | 00005700 | 4003982020123 |
| | 10 kg | 36 buckets/pallet | 00005355 | 4003982020116 |



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:

www.youtube.com/knauf



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