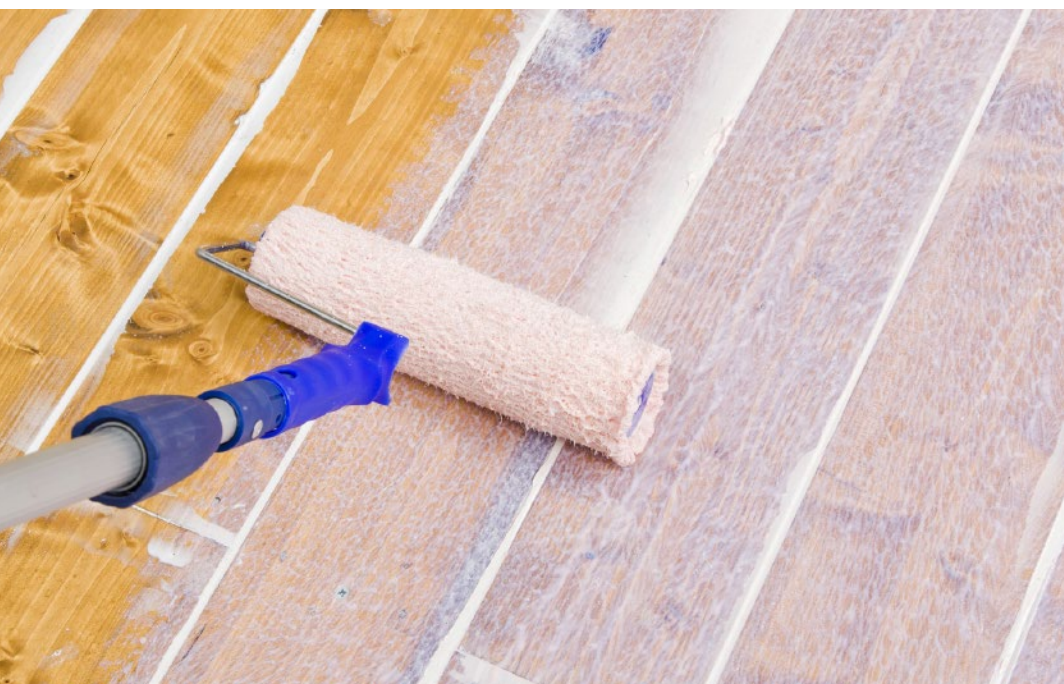


Note on English translation / Hinweise zur englischen Fassung

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.



Floor Systems

F433.de

Product Data Sheet

2020-05



Spezialhaftgrund bonding primer

Special primer for wooden and tile substrates in the floor area

Product description

Spezialhaftgrund bonding 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

- Absorption regulating
- Retards moisture
- Pigmented pink
- Manual application

Field of application

For application in interiors and exteriors on normal, low or non-absorbent substrates (e.g. calcium sulphate screed, mastic asphalt screed, normal and highly compressed cementitious screed, cement boards, waterproof chipboard, smooth, non-absorbent surfaces (e.g. terrazzo and old tile coverings) and wooden substrates.

For regulating the absorptivity, improving bonding properties and moisture protection before the application of floor levelling compound or tiles.



Application

Substrate and pretreatment

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.

Non waterproof coatings and other remnants that can affect bonding must be removed, waterproof coatings must be roughened considerably. Wooden substrates must be free of vermin, mould, wax, paints, care products or similar to guarantee smooth subsequent operations. Wooden floor planking must be sanded down, the sanding dust must be thoroughly removed. Loose planks must be anchored firmly with screws. Chipboard must be screwed on firmly, be free of distortion and glued in the notches and grooves. Joints and thin cracks on wooden flooring must be treated with Knauf Acrylic.

Preparation

Note	Do not mix Spezialhaftgrund bonding primer with other materials because properties can possibly change significantly.
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Protect easily-soiled building components, particularly glass surfaces, wood, metal, natural stone and floor covering.

Code of Practice "Ablebe- und Abdeckerarbeiten für Maler- und Stuckateurarbeiten - Masking and covering for painting and stucco work" issued by the Bundesverband Ausbau und Fassade.

Application

Stir the contents of the bucket thoroughly before application. Dilute Spezialhaftgrund bonding primer in accordance with the substrate (see table) and a uniform cross coat with a floor coater, painter's brush, primer brush or roller and brush in well. Remove excess material so that no glossy spots or pools occur.

Clean tools directly after use with water. Remove contaminations of Spezialhaftgrund bonding 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 Spezialhaftgrund bonding primer is no longer sticky and has fully dried.

Substrate	Drying time at 20 °C and 65% rel. air humidity.
Highly absorbent and non-absorbent substrates	approx. 12 hours
Wooden substrate	approx. 6 hours
Old tile coverings, terrazzo	approx. 3 hours

Correspondingly longer drying times result from cool and damp site conditions. Good ventilation reduces the drying times. The time after drying of Spezialhaftgrund 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 values for dilution Spezialhaftgrund : Water
Normal, low or non-absorbent Calcium sulphate screed ¹⁾ , normal and highly compressed cementitious screeds, cement boards, etc.	Equalization compound, e.g. N 320 Sprint	1 : 2
Smooth, non-absorbent Dense, mineral based substrates such as board coverings or Terrazzo, mastic asphalt screed	Equalization compound, e.g. N 320 Sprint	Undiluted
Wooden substrates	N 320 Flex	1 : 1

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	1.1
Viscosity	–	liquid
pH value	–	approx. 8

Material requirement and efficiency

Substrate	Consumption approx. in g/m ² per application
Normally absorbent substrates	50 – 100
Non-absorbent substrates	40 – 60
Old tile coverings, terrazzo	70 – 100
Wooden substrate	60 – 80

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

Product range

Description	Application	Packaging unit	Material number	EAN
Spezialhaftgrund bonding primer	5 kg	60 buckets/pallet	00220628	4006379077267



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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