

**Floor Systems**  
F4301\_DSP.de

## Spezialhaftgrund primer

Special primer for wooden and tile substrates in the floor area

Product Data Sheet

2026-02



### Product description

Spezialhaftgrund 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

- Ideal for wooden and tile substrates
- Solvent-free
- Forms a film
- Absorption regulating
- Retards moisture
- Manual application
- For interiors and exteriors

### Field of application

Spezialhaftgrund is used 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.

Spezialhaftgrund is used 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 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. Observe the Code of Practice "Abklebe- und Abdekarbeiten für Maler- und Stuckateurarbeiten" issued by the Bundesverband Ausbau und Fassade (German only).

## Product application

Stir the contents of the bucket thoroughly before application. Dilute Spezialhaftgrund 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.

## Drying

Wait with subsequent work until the Spezialhaftgrund 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 and OSB boards	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 drop below +5 °C.

## Cleaning

Clean tools immediately after use with water. Remove contaminations of Spezialhaftgrund 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 wiping cloth.

Substrate	Subsequent coating	Recommended values for dilution Spezialhaftgrund : Water
<b>Normal to highly-absorbent</b> e.g. Calcium sulphate screed <sup>1)</sup>	Equalization compound, e.g. N 320 Sprint	1 : 4
<b>Normal, weakly absorbent,</b> Normal and highly compressed cementitious screeds, cement boards, etc.	Equalization compound, e.g. N 320 Sprint	1 : 2
<b>Smooth, non-absorbent</b> Dense, mineral-based substrates such as board coverings or Terrazzo, mastic asphalt screed	Equalization compound, e.g. N 320 Sprint	Undiluted
<b>Wooden substrate and OSB boards</b>	N 320 Flex or N 410 Flex	1 : 1

1) For N 440 on calcium sulphate screed use [FE-Imprägnierung MV 5:2 \(F4507\\_DSP.de\)](#) as a primer.

## Technical data

Description	Spezialhaftgrund primer	Unit	Standard
Density	1.1	kg/l	–
Viscosity	liquid	–	–
pH value	approx. 8	–	–

## Material requirement / efficiency

Description	Consumption approx. in g/m <sup>2</sup> per application
Normally absorbent substrates	50 – 100
Non-absorbent substrates	40 – 60
Old tile coverings, terrazzo	70 – 100
Wooden substrate and OSB boards	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 variants

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

## Sustainability and environment

Short description	Comments	Value	Unit
AgBB scheme	Version 2021	fulfilled	–
EPD Environmental Product Declaration	–	EPD-DBC-20220146-IBF1-EN	–
EMICODE	EC1 <sup>PLUS</sup>	fulfilled	–



Videos for Knauf systems and products can be found under the following link:  
[youtube.com/knauf](https://youtube.com/knauf)



Find the right system for your requirements!  
[knauf.de/systemfinder](https://knauf.de/systemfinder)



All Knauf Gips documents are available in an up-to-date and clearly organised format in the [Download Center](#) at [www.knauf.com](https://www.knauf.com).

### Knauf Gips KG

Am Bahnhof 7  
97346 Iphofen  
Germany

### Knauf Direkt:

[knauf-direkt@knauf.com](mailto:knauf-direkt@knauf.com)

[www.knauf.com](https://www.knauf.com)

**Constructional, structural and characteristic building physics properties of Knauf systems can only be solely ensured with the exclusive use of Knauf system components, or other products expressly recommended by Knauf.**

All technical changes reserved. Only the current issue is valid. The specified details correspond with our current state-of-the-art. The generally recognized building engineering rules, applicable standards, guidelines and craftsmanship rules must be observed by the installer in addition to the application specifications. Our warranty is expressly limited to our products in flawless condition. All application quantities and delivery amounts are based on empirical data that are not easily transferable to other deviating areas. All rights reserved. All amendments, reprints and photocopies, including those of excerpts, require our expressed written permission.