fermacell Product Data Sheet



fermacell Deep Primer

for priming wide range of substrates

Product

The **fermacell** Deep Primer is a ready mixed, solvent-free, dispersion-based primer for walls, ceilings and floors. The primer is part of the comprehensive **fermacell** sealing system with general building authority test certificate (P-5079/1926 MPA-BS).

Application

The **fermacell** Deep Primer is used to prime and stabilise absorbent and slightly absorbent substrates on walls, ceilings and floors in internal and external areas:

- **fermacell** gypsum fibre boards, **fermacell** Firepanel A1 and **fermacell** flooring elements as well as other gypsum-based materials
- **fermacell** Powerpanel H_2O / HD / TE and other cement-based boards
- Plaster, concrete, aerated concrete, sand-lime brick, brick masonry and screeds
- Prior to the application of levelling and filling compounds, such as **fermacell** levelling compound, bonded levelling compound, roll-on plaster, gypsum filler, Powerpanel Surface Finish and Filler, Light Mortar HD and **fermacell** bonding compound.
- Prior to the application of acrylate coatings and commercial, solvent-free tile adhesives, such as **fermacell** Flexible Tile Adhesive

The Deep Primer can be used when laying tiles according to DIN 18157-1.

If the **fermacell** Deep Primer is used before wallpapering, it equalises the absorption capacity of the substrate andit makes it easier to strip wallpaper when redecorating (acting as a wallpaper primer).

Properties

- **Good penetration** – penetrates deep into a variety of substrate
- **Improved adhesion** – very good bonding agent, increases the load capacity and strength of the substrate, improves adhesion of plasters, tile adhesives and wallpapers
- **Water-dilutable** – (up to 1:2) can be accurately adjusted to suit the substrate
- **Universal application** – suitbable for fermacell products and a variety of other substrates

fermacell Deep Primer
for priming and reinforcing various substrates

Processing

- The substrates must be sound, even, clean, solid, dry, oil and grease-free and free from other residues such as dust, dirt and loose particles
- The residual moisture content of cement-bound substrates must not exceed 2 CM-%, no more than 0.5 CM-% for anhydrite or gypsum substrates and no more than 0.3 CM-% for heated anhydrite screeds
- The ambient and substrate temperature should lie between +5 °C and +25 °C during processing. Mix **fermacell** Deep Primer throughly before use
- Priming **fermacell** gypsum fibre boards, **fermacell** Firepanel A1, **fermacell** flooring elements, **fermacell** levelling and filling compounds and, in general, gypsum and anhydrite substrates and mastic asphalt floors:
  - Apply a generous and even coat of **fermacell** Deep Primer with a suitable roller or paintbrush
  - With regard to ground **fermacell** flooring elements, the procedure must be repeated once the first coat is dry (total consumption approx. 200-270 ml/m²)
    - Mixing ratio: Undiluted
      Consumption: approx. 100 – 150 ml/m²
    - Further processing steps can take place after complete drying (see „Processing information“)
- Priming **fermacell** Powerpanel H_2O / HD / TE, absorbent and heavily absorbent cement-bound substrates, such as plaster, concrete, aerated concrete, sand-lime brick, brick masonry and cement screed:
  - Dilute **fermacell** Deep Primer and mix thoroughly.
  - Generously and evenly apply to substrate with wool roller, brush or paintbrush. Repeat the procedure for heavily absorbent substrates.
    - Mixing ratio: 1:1 to 1:2 with water
      Consumption: approx. 100 – 200 ml/m²
    - Further processing steps can take place after complete drying (see „Processing information“)
- Pre-treatment for **fermacell** Liquid Film (Waterproofing Application):
  - Dilute **fermacell** Deep Primer on absorbent substrate and mix thoroughly
  - Apply a generous and even coat of **fermacell** Deep Primer with a suitable roller or paintbrush
    - Mixing ratio: 1:1 to 1:2 with water
      Consumption: approx. 100 – 200 ml/m²
- Priming of screed flooring with residual adhesive from previous floor coverings:
- Apply a generous and even coat of **fermacell** Deep Primer with a suitable roller or brush
  - Avoid formation of puddles
  - Mixing ratio: Undiluted
    Consumption: approx. 200 ml/m²

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- Stabilising screed flooring before laying of tiles and mosaics:
  1st coat: Dilute **fermacell** Deep Primer and mix thoroughly. Apply a generous and even coat of **fermacell** Deep Primer with a suitable roller or paintbrush

  Mixing ratio: 1:1 with water
  Consumption: approx. 100 ml/m²

  2nd coat: Once the 1st coat is dry (see „Drying time“), check the hardness and curring by carrying out a scratch test. Then apply the second coat with **fermacell** Deep Primer.
  Mixing ratio: Undiluted
  Consumption: approx. 100 ml/m²

  The next operation can be carried out approx. 24 hours ater the 2nd coat has dried.

Processing information

- The drying times depend on the temperature of the air and the building, the air movement, the humidity and the absorptive capacity of the substrate. The drying time for **fermacell** Deep Primer at +20 °C and a relative humidity of 50 % is around 2 hours.
- When **fermacell** Deep Primer is completely dry, further operations can commence, e.g. the application of tile adhesive, paint, plaster or wallpaper.
- The processing temperature should lie between +5 °C and +25 °C. Clean tools with water after use.
- Due to the wide range of possible influences during processing and application, the user should always carry out trial processing and application.
- The normal precautions for handling construction chemical products must be observed. Skin contact must be avoided.

Please also observe our detailed processing instructions in our brochures and videos at **www.fermacell.co.uk**

The other components of the **fermacell** sealing system are:

- **fermacell** Sealing Tape
- **fermacell** Sealing Corner Pieces
- **fermacell** Flexible Glue
- **fermacell** Pipe Penetration Patches
- **fermacell** Liquid Film (Waterproofing Application)

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Material properties	
pH value	10
Colour	Light blue
Temperature resistance (of hardened material)	- 20°C to + 80°C
Storage (dry, cool, frost-free*, in original packaging, tightly seal opened packaging)	24 months

*Resistant to short-term effects of frost during transport or storage, reusable after slow thawing and thorough mixing.

Merchant data	5 kg
Item number	79167
EAN	4007548014427
Quantity / pallet	96 canisters
Weight / pallet	approx. 500 kg

Further information

Our recommendations are based on extensive testing and practical experiences. They do not replace guidelines, standards, approvals and applicable technical data sheets. Due to the large number of possible influences for processing and application, we recommend that you carry out trial processing and application. No claims for compensation may be derived from the information provided. Delivery, processing and the warranty on features assured by us will be in accordance with our GTCs.

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