fermacell Product Data Sheet



fermacell Joint Filler

for filling joints between fermacell Gypsum Fibreboards

Product

fermacell Joint Filler is a synthetic-resin modified, gypsum-based joint filler for the manual filling of joints with or without joint tape. The specially developed formulation allows extremely high joint tensile strengths to be achieved. The joint filler complies with the requirements of DIN EN 13963 and is suitable for filling and smoothing over the joints of Gypsum Fibreboards according to EN 520.

Application

fermacell Joint Filler is used for the force-fit joining of **fermacell** Gypsum Fibreboards with right-angled or chamfered board edges, for filling the joints between **fermacell** Gypsum Fibreboards with tapered edges using various reinforcing materials, and for smoothing over adhesive joints or screws and staples.

Furthermore, it can be used to smooth over joint areas and screws and staples in **fermacell** gypsum fibre flooring elements, or to fill any defects or damaged areas on the substrate, e.g. holes, cracks or heads of screws and staples, before applying the **fermacell** Self-levelling compound.

Properties

- **Maximum strengths** – Rapid development of strength on account of the special fermacell formulation
- **Good filling ability** – No slumping after application and low drying shrinkage
- **Easy to apply** – Easy application to joints
- **Versatility** – Meets the requirements of EN 13963
- **Low emissions** – Tested by the Eco-Institute in Cologne

fermacell® is a registered trademark and a company of the XELLA Group.

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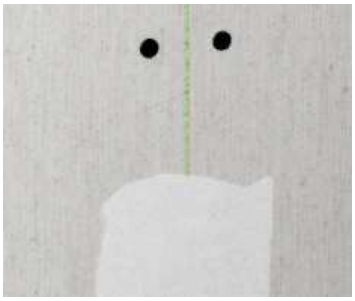
Processing

- The substrate must be dry, dust-free, clean and load-bearing.
- Containers, tools and water must be clean.
- Sprinkle approx. 1 kg **fermacell** Joint Filler into 0.6 l water. Allow to soak in for 2–5 minutes, then stir thoroughly to a lump free consistency. If necessary, adjust the consistency of **fermacell** Joint Filler by adding more of the product. The final **fermacell** Joint Filler should not immediately slide off a trowel held in a vertical position.
- The **fermacell** Joint Filler can be processed for approx. 35 minutes.
- The joints must filled completely, in width and depth, with **fermacell** Joint Filler. In order to achieve flank adhesion on both sides, the filler is pressed against the board edge and removed from the opposite edge (herringbone pattern).
- For tapered edge joints use **fermacell** Reinforcement Tape TE or **fermacell** Tapered Edge Paper Jointing Tape.
- We recommend the use of the **fermacell** spatula, trowel or smoothing trowel to apply the product.
- Fill and smooth out the heads of screws, staples and any damaged areas.
- Once the first application of filler has hardened, smooth over with more **fermacell** Joint Filler.

Types of joints


Filled joint


Tapered edge


Adhesive joint

Information about processing

- Caution: Use of an electric mixer will reduce the setting time! Even remnants of gypsum that have already set will shorten the setting time considerably!
- Do not add water at a later stage, as this will reduce the strength of the **fermacell** Joint Filler!
- Do not continue to apply the Joint Filler once it has started to harden!
- Process **fermacell** Joint Filler at air and substrate temperatures no lower than +5°C.
- Safety glasses / goggles and a mask must be worn during sanding operations.
- Remove dust from sanded areas and coat with primer, if necessary, before applying wall coverings or paint.

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Consumption data for room-high boards			
Board thickness mm	Joint width mm (compound joint)	Consumption in kg per m²	Consumption in kg per linear m of joint
10	5 - 8	0.1	0.2
12.5	6 - 9	0.2	0.2
15	7 - 10	0.3	0.3
18	7 - 10	0.4	0.5

Consumption for tapered edge:
approx. 0.2 – 0.35 kg/m² (depending on board format and number of tapered edges)

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

Material properties	
Bulk weight	1.0 – 1.1 kg/l
Mixing ratio	1 kg in 0.6 l water
Processing time	approx. 35 min. at 20°C
Fire performance	A1 according to DIN EN 13963
Cleaning	With water
pH value	Neutral
Storage	12 months dry, in original packaging

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The latest version shall apply. As of 08/2014. Subject to change. Observe latest processing instructions!
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Distributor information	Bag	Bag
Weight	5 kg	20 kg
Article number	79001	79003
EAN	4007548001533	4007548005449
Units / pallet	144	48
Weight / pallet	approx. 740 kg	approx. 980 kg

Important 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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