

## **fermacell™ Powerpanel Fine Surface Treatment**

Ready mixed surface finish for internal and external areas

The fermacell™ Powerpanel fine surface treatment is a light, ready-to-use surface filler. It is suitable for cement based substrates both indoors and outdoors, and for wet areas. It is ideally suited for filling over screw heads and glue joints, for smoothing and filling irregularities on walls, ceilings and floors.

It is also suitable for the surface finishing before painting or the application of the fermacell waterproofing system. The product is suitable for both the fermacell® Powerpanel H<sub>2</sub>O boards and the Powerpanel TE flooring boards as well as the AESTUVER fire protection boards. Furthermore, it is suitable for filling: fermacell® gypsum fibreboards, concrete/aerated concrete, bricks, mineral plasters and synthetic-resin plasters.

### **Applications**

- When using fermacell® Powerpanel H<sub>2</sub>O boards with tapered edges, two boards with tapered edges are closely butted and fixed to the subframe. The self-adhesive fermacell™ reinforcement tape TB is applied in the area of the drywall edge before filling and the fermacell™ Powerpanel fine surface treatment is then pressed to the bottom of the joint by pressure applied through the mesh in the reinforcement tape and the levelled joint area is completely filled.
- Alternatively, the reinforcement tape can also be bedded in the fermacell™ Powerpanel fine surface treatment. Apply the Powerpanel fine surface treatment to the levelled joint area and then place the tape on top. The Powerpanel fine surface treatment is then reapplied and the fabric is embedded. Once the Powerpanel fine surface treatment is dry, a second application of Powerpanel fine surface treatment can be applied to the joint area depending on the desired surface quality.
- Furthermore, the fermacell™ Powerpanel fine surface treatment can be used in the joint technology for Powerpanel H<sub>2</sub>O with butt-joints and reinforcement mesh, if a surface coating with filler, paint and wallpaper is desired in the wall and ceiling area. For this purpose, the Powerpanel fine surface treatment is fully applied with a suitable toothed trowel. The reinforcement mesh HD is then fully embedded according to the fermacell® installation guide instructions. The mesh must lie in the top third of the reinforcement layer. The minimum layer thickness of the reinforced filler is 4 mm. Once the filler has hardened, the final coating takes place with the Powerpanel fine surface treatment depending on the required quality level.



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## Properties

- Water-resistant, for internal and external areas, wet-rooms, etc.
- High yield: just 1 L/m<sup>2</sup> per 1 mm layer thickness
- High adhesive strength
- Elegant look due to high-quality, smooth surface, suitable up to quality level Q4
- Specially designed for use with the Powerpanel product range

## Installation

- Apply the Powerpanel fine surface treatment and allow it to dry at at least +5 °C material, substrate and room temperature. Protect fresh coat against rain, direct sunlight and strong wind or draughts.
- The substrate must be dry, sound and free of dust, dirt, sintered layers and other separating agents.
- Powerpanel surfaces can be directly coated with Powerpanel fine surface treatment. AESTUVER fire protection boards and other absorbent substrates must be pre-treated with fermacell™ deep primer or another suitable primer.
- For the effective application of the filler, use a fermacell™ spatula, trowel or smoothing trowel. The maximum layer thickness is 10 mm.
- Correct slight irregularities by hand or with a sander. Sand paper grades P100 to P120 are suitable. Always wear a mask and safety goggles when sanding.
- Prior to further surface modification, dust the grinded surface and prime as necessary. Standing water on primed surfaces should be avoided and the surfaces should be protected against moisture penetration with suitable paints, sealants or design measures.
- Clean tools with water after use.

## Surface coating

fermacell™ Powerpanel Fine Surface Treatment can be coated with emulsion paint, acrylic paint, latex, silicate and silicon resin paint. Not compatible with epoxy paint.

## Health & Safety

- Due to the large number of possible influences for manual handling and application, the user should always carry out trial processing and application.
- The normal precautions for handling construction chemical products must be observed. Cement has an alkaline reaction with humidity, therefore, protect eyes and skin. In case of contact, rinse thoroughly with water. In case of eye contact, consult doctor immediately.

For system and application details please also refer to the fermacell® Orange Book

Material properties	
Consumption	approx. 1 l/m <sup>2</sup> per mm layer thickness
Processing temperature	min. +5 °C
Drying time	approx. 2 hours per mm layer thickness, depending on temp. and rel. humidity
Solvent	Water
Storage	0.8 kg/l
Filling power	Very high
Storage (cool and frost-free)	Unopened 12 months
Colour	Grey



#### Distributor Information

Item number	79090
EAN	4007548014144
Customs tariff number	32141090
Quantity / pallet	44 buckets
Weight / pallet	approx. 422 kg

#### Additional 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 General Terms and Conditions.