

Technical data sheet. planofill S5 – Filling compound

Product Description

planofill S5 filler is a ready-to-use filler based on polymer binders for finishing work in dry interior areas. A careful selection of fine raw materials guarantees a high product quality. Due to the creamy consistency, it is possible to achieve surface qualities from Q1 to Q4 according to the leaflet "Verspachtelung von Gipsplatten- Oberflächengüten (trowelling of gypsum board surface qualities)" from the Bundesverband der Gipsindustrie e.V. (German association of the gypsum-processing industry) Gypsum Board Industry Group.

planofill S5 is used for smoothing plasters, gypsum wallboards and mineral substrates and can be applied by hand or machine.

planofill S5 is free of solvents and plasticisers (LEF).

> Technical data and characteristics

Bulk density, hardened and dry	approx. 1.4 kg/dm ³
Hardening/drying at approx. 20 °C and good ventilation	With 1 mm application thickness about 2-3 hours With 5 mm application thickness approx. 24 hours
Processing temperature	+5 °C - +35 °C
Water requirement	ready for use for hand and machine processing, for machine processing up to max. 500 ml per bucket
Yield/ Consumption	approx. 11 m ² /bucket with 1 mm application thickness approx. 1.8 kg/m ² per 1 mm application thickness
max. layer thickness per application	5 mm
Fire performance class as per DIN EN 13501-1	A2-s1, d0

> Logistics and safety instructions

Form of delivery	20 kg buckets, do not stack pallets!
Storage	in closed original container 12 months at 0 - 40 °C (date of production on the packaging)
Safety instructions	See safety data sheet
EUH 208	Contains 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. May cause allergic reactions.
Product code for paints and varnishes:	M-DF01
There is no EU limit specified for this product. This product contains a maximum of < 1 g/l VOC	

> CE-labelling



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EN 15824: 2009; EN 13963: 2005

Coating of internal wall and ceiling surfaces

Fire performance class:	A2 s1,d0
Adhesive strength:	≥ 0.25 MPa
Permanent adhesion:	NPD*
Hazardous substances:	NPD*

*NPD (no performance determined) = Characteristics not determined since not relevant

Information

This product data sheet contains advice to the best of our knowledge and replaces all previous product data sheets. Its content, however, is not legally binding

Surfaces

planofill S5 filler is used for finishing work in dry interior areas and is not suitable for use in domestic bathrooms, unheated basements or similar areas. **planofill S5** can be applied to solid old plaster, to masonry of all types, to concrete and plasterboard, gypsum fibreboard and plasterboard. The substrate must be dry, clean, secure and free from separating agents. Concrete surfaces should be largely dry; higher residual moisture levels prolong drying and hardening times. Old unstable coatings, dirt, grease, soot and the like must be removed. Gypsum substrates must be treated in advance with deep primer.

Processing and Processing Time

planofill S5 is ready to use, in case of machine processing up to max. 500 ml water can be added per bucket. Pre-fill gypsum boards and rough substrates over a large area to a maximum thickness of 5 mm. Only after the surface is completely dry can the it be sanded (grain size 80 - 100). If necessary, defective areas can then be filled or fine filling can be performed, whereby the filler thickness should be considerably less. Any further fine filling may only be carried out after complete drying and sanding of the previous layer and thorough dust removal. For the final sanding, 150-200 grit sandpaper is recommended.

Application at substrate and ambient temperatures below +5 °C and above +35 °C is not permitted. For application with airless equipment, a material temperature of >10 °C is required.

In case of interruption of work, close the bucket and clean tools.

If a primer is recommended by the manufacturer for the final coat, using a soft paint roller is recommended for applying the primer instead of a brush or paintbrush.

With planofill S5, surfaces up to quality level Q4 can be produced.

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Important Notes

- Do not admix foreign material
- Stir thoroughly before use
- Do not continue to use hardened material
- Only use clean containers and tools
- Do not use on glass, metal, plastics and damp surfaces
- Do not process at a subsurface temperature or ambient temperature below +5 °C or above +35 °C, respectively.
- Do not use in damp rooms where the air humidity is above 70% for prolonged periods or permanently
- Observe the generally accepted codes of practice during processing.
- Ensure sealing in areas where there is a risk of splashing water
- GISCODE: BSW 20