

Technical data sheet. casutec SFF –Super Fill & Finish

Product Description

> Technical data and characteristic

casutec SFF Super Fill & Finish is a cleanly white and highly hardened all-rounder product (super adhesive filler, joint filler) based on gypsum for a wide range of applications. Its processing properties and times are configured in such a way that both smaller cracks and holes can be filled and larger areas can be filled and smoothed in one operation.

casutec SFF is used for filling and smoothing of cracks and holes, for smoothing and filling raw masonry, concrete, lightweight concrete and dry construction boards as well as for the filling of the joints of gypsum wall panels.

> Technical data and characteristics	
Standardisation	Type 4B as per DIN EN 13963 C7 as per EN 13279
Compressive strength	≥ 5.0 N/mm ²
Flexural strength	≥ 3.0 N/mm ²
Yield as per standard	approx. 1,200 l/t approx. 1.2 l/kg
Consumption	approx. 0.85 kg/m ² with an application thickness of 1 mm
Water requirement	approx. 13 l per 20 kg bag; 3.25 l per 5 kg bag
Thermal conductivity (table value)	λ _R =0.35 W/mK
Water vapour permeability coefficient	μ< 8
Fire performance	Construction material class A1, non-flammable
> Logistics and safety instructions	
Form of delivery	Bags and small paper bags
Storage	casutec SFF in 20 kg bags can be stored for 6 months and in 5 kg bags for 9 months if stored dry and protected from the production date.
Safety instructions	See safety data sheet; casutec SFF does not pose any particular hazard
> CE labelling	
CASEA GmbH Pontelstraße 3 99755 Ellrich Germany	09 114 220 DIN EN 13963 Joint filler type 4B Fire performance A1 Thermal resistance NPD Airborne sound insulation NPD
as> casu	Hazardous substances NPD

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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

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casutec SFF can be applied as a filler and leveller on old plasters, on masonry of all types, on concrete and on plaster base plates. The substrate must be dry, clean, secure and free from separating agents. The residual moisture in the concrete must be below 3%. If the application thickness of the filler exceeds 5 mm, we recommend to apply a suitable adhesive primer with a certain percentage of quartz sand on concrete surfaces, especially on smooth and low-absorption concrete surfaces, as well as other low-absorption substrates.

casutec SFF is ideally suited for closing joints in filigree and prefabricated ceilings as well as for jointing gypsum plasterboard, gypsum fibreboard and other professionally installed drywall panels. Use of reinforcement strips can be dispensed with if the edges of the drywall panels are appropriately designed and cut edges are primed.

casutec SFF is suitable for subsequent coating with paint, wallpaper or creative techniques (if required, use additional primer). **Processing and Processing Time**

Sprinkle casufix SFF into clean water in a clean container, allow to soak and stir using an electric stirrer until lump-free. A thicker consistency is chosen for filling applications, a thinner one for smoothing. Pre-fill gypsum boards and rough substrates over a large area and finely smooth after the filling has stiffened. If necessary, sanding can be performed after drying. To achieve particularly smooth surfaces, the filler can be moistened with a brush or sponge after hardening and smoothed again. The processing time amounts to approximately 60 minutes from mixing through to finishing. However, this time is dependent on the consistency of the compound, the ambient temperature and the absorbency of the surface.

Important Notes

- Do not admix foreign material
- Apply mixed mortar quickly, do not continue to use the material once stiffened or set
- Only use clean containers and tools, because the setting behaviour of the mortar is considerably influenced by plaster residues
- Do not process at a subsurface temperature or ambient temperature below +5 °C or above +35 °C, respectively.
- Observe the generally accepted codes of practice during processing.
- For concrete or other low-absorption substrates, use a gypsum adhesion primer or other suitable substrate preparation
- Information for disposal: GISCODE: CP 1 water hazards class: 1; German regulation regarding safety at work: not applicable

For further information, please contact:

CASEA GmbH Pontelstraße 3 99755 Ellrich Germany T +49 36332 89-100 F +49 36332 89-202 info@casea-gips.de casea-gips.de

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