

Technical Data Sheet

StoSilent Plan

Organic filler for suspended acoustic panel systems from Sto



Characteristics

- Area of application**
- interior
 - in the systems StoSilent Distance and StoSilent Distance A2
 - for levelling unevenness of max. 1 mm
 - for filling and closing butt joints and screw holes
 - on acoustic panels systems from Sto which will then be coated with StoSilent Decor M

- Properties**
- high adherence in fresh state
 - quick-drying
 - good suitability for sanding

- Appearance**
- matt

- Information/notes**
- consumption may vary according to system

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Density	EN ISO 2811	1.5 g/cm ³	
Water vapour diffusion-equivalent air layer thickness μ	EN ISO 7783	> 400	V1 high
Reaction to fire (class)	EN 13501-1	A2-s1, d0	

The characteristic values stated are average values or approximate values. Due to the natural raw materials in our products, the stated values can vary slightly in the same delivery batch; this does not affect the suitability of the product for its intended use.

Substrate

- Requirements**
- The substrate must be firm, dry, clean, load-bearing, and free from sinter layers, efflorescence and release agents. Damp or not fully cured substrates can lead to defects in the following coatings, e.g. bubble formation, cracks. Do not use the product on damp or soiled substrates.

- Preparations**
- Screw the StoSilent Board carrier boards to the sub-construction. Bond the board joints with StoSilent Fix. Use a spatula to scrape off joint filler that has oozed out.

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Application

Application temperature Lowest substrate and application temperature: +10 °C

Material preparation The product is ready-to-use. Stir the product well before application.

Consumption	Type of application	Approx. consumption	
	as levelling compound for small-format panels	0.25	kg/m ²
as levelling compound for large-format panels	0.20	kg/m ²	

Material consumption depends on the application, substrate, and consistency, among other factors. The stated consumption values are only to be used as a guide. If required, determine precise consumption values on the basis of the specific project.

Application

Apply the product using a filler scraper. Fill the screw holes and butt joints. Apply filler as narrowly as possible next to the holes and joints (max. 3 cm wide). Trowel off excess material immediately using a filler scraper. Leave the filler to dry min. 24 hours. Sand the surface smooth using a sanding board and abrasive grid. Use a finishing spatula (60 cm) to check whether every board joint is smooth. A board joint is smooth if the finishing spatula does not wobble over it.

Dust off the surface. In the case of uneven joints (small height offset between the surfaces), only apply the product to the lower area and not to the higher. Marks on the ceilings may become visible in glancing light.

Drying, curing, ready for next coat High humidity and/or low temperature prolong the drying time.

At +20 °C temperature (air and substrate) and 65 % relative air humidity: over-coatable after approx. 24 hours.

Cleaning the tools Clean tools with water immediately after use.

Notes, recommendations, special information, miscellaneous Observe the general Sto application guidelines for StoSilent acoustic systems. They are available from Sto SE & Co. KGaA. Only install and/or coat the product after training.

Delivery

Colour shade white (approx. RAL 1013)

Packaging Pail

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Storage

Storage conditions Store tightly sealed in frost-free conditions.

Identification

Product group Filler

Composition

In accordance with the VdL directive (German Paint and Printing Ink Association) on coating materials for buildings
 polymer dispersion
 mineral extenders
 silicate extenders
 water
 hydrophobic agents
 thickener
 dispersing agent
 wetting agents
 pH-regulating agents
 storage protection agent based on 1,2-benzisothiazol-3-one (BIT)
 storage protection agent based on bronopol (INN)

Safety

Observe the Safety Data Sheet!
 Safety instructions refer to the ready-to-use, unapplied product.

EUH210

Safety data sheet available on request.

EUH208

Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

These are preservatives.

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Special notes

The information in this Technical Data Sheet serves to ensure the product's intended use, or its suitability for use, and is based on our findings and experience. Users are nevertheless responsible for establishing the product's suitability and use.

Applications not specifically mentioned in this Technical Data Sheet are permissible only after prior consultation. Where no approval is given, such applications are at the user's own risk. This applies in particular when the product is used in combination with other products.

When a new Technical Data Sheet is published, all previous Technical Data Sheets are no longer valid. The latest version is available on the Internet.

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