

Technical data sheet

StoSilent Filler

Sound-absorbing joint filler made of expanded glass granulate



Characteristics

Areas of application

- interior
- for filling and smoothing open joints in the StoSilent Direct acoustic system
- do not mix with other materials

Properties

- good wet adhesive strength
- non-combustible within the system
- reaction to fire (class) in accordance with EN 13501-1: A2-s1, d0
- easily workable
- porous texture, suitable for sanding

Technical data

Criterion	Standard / test regulation	Value/ Unit	Notes
Reaction to fire (class)	EN 13501-1	A2-s1, d0	non-combustible

The characteristic values stated are average values or approx. values. We use natural raw materials in our products, which means that 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 covering layer of the StoSilent Board MW 100 acoustic panel must be dry and dust-free.

Application

Application temperature

Lowest application and substrate temperature: +12 °C at max. 70 % relative air humidity; installation after adjusting the equilibrium humidity in the room. Rapid shock-type heating or cooling during installation and drying can induce crack formation.

Technical data sheet

StoSilent Filler

Processing time At +20 °C: approx. 6 hours

Mixing ratio 1.0 l of water per 2 kg

Material preparation Place the entire contents of the container in a clean container. Add clean water. Stir with a commercially-available mortar stirrer for 1-2 minutes until it is foamy. Allow to mature for approx. 5 minutes, and then stir again for approx. 30 seconds. Regularly stir the product to make it foam well.

Consumption	Type of application	Approx. consumption	
	as joint filler in the StoSilent Direct acoustic system	0.10	kg/m ²

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

Drying, curing, ready for next coat At +20 °C and 65 % relative humidity the next coat can be applied after approx. 48 hours. The drying time can be sped up with a condensate dryer. Make sure that the product is dry within max. 48 h by taking suitable measures (ventilation, drying, temperature control).

Cleaning the tools Clean tools with water immediately after use.

Indications, recommendations, special information, miscellaneous Please observe the general Sto application guidelines for Sto acoustic panel systems. They are available from Sto SE & Co. KGaA.

Installation/coating must only be carried out after prior instruction.

Structural expansion joints must be incorporated.

Delivery

Colour shade grey white

Packaging sack

Technical data sheet

StoSilent Filler

Storage

Storage conditions Store in dry and frost-free conditions.

Storage life The quality of the original package is guaranteed until stock by date. The stock by date can be deduced from the batch number of the package.
Batch number explanation:
Number 1 = the last number of year, numbers 2 + 3 = a week
I.e.: 5450013223 – storage life until the 45th week of the year 2015

Certificates/approvals

Identification

Product group Joint filling compound

Special notes

The information or data 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. Nevertheless, users are responsible for establishing the suitability of the product for its intended use.

Applications other than those explicitly mentioned in this technical data sheet are only permissible after prior consultation. Where no approval is given, such applications are at the risk of the user. This applies particularly to combinations 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.

Sto SE & Co. KGaA
Ehrenbachstr. 1
D - 79780 Stühlingen
Phone: +49 7744 57-0
Fax: +49 7744 57-2178
Infoservice.export@sto.com
www.sto.com