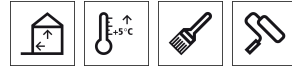


Technical data sheet

StoSilent Fleece Coll

Organic dispersion adhesive for StoSilent Fleece



Characteristics

- Areas of application**
- interior
 - as special adhesive for bonding StoSilent Fleece to Sto acoustic elements

- Properties**
- very good adhesive strength

Technical data

Criterion	Standard / test regulation	Value/ Unit	Notes
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Density	EN ISO 2811	0.9 - 1.1 g/cm ³	
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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 substrate must be firm, dry, clean, and load-bearing, as well as free from sinter layers, efflorescence and release agents. Damp or not fully cured substrates can lead to defects in subsequent layers, such as blistering or cracks. Therefore do not apply onto damp or soiled substrates.

Preparations

Prior to filling with StoSilent Plan, let the Sto acoustic panel systems dry for at least 24 hours.

The substrates, the acoustic elements, and the acoustic plaster carrier board must be dry, smooth and without seams when being applied. Check if the ceiling is uneven by means of a metal bar or glancing light. Regulate the absorption capacity of the substrate using a suitable primer (e.g. StoSilent Prim).

Gypsum construction board:
prime absorbent boards with StoPrim Plex.

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Gypsum plasterboards:

Prime the gypsum surface including the sanded filler coat with StoPrim Plex.

In case of visible yellowing, apply an additional blocking coat of StoPrim Isol (see BFS data sheet 12). According to the gypsum plasterboard manufacturing industry data, prolonged exposure of gypsum surfaces to light can result in discolouration and subsequent colour variations of the final plaster layer and paint coats. To assess the potential risk, carry out a sample coat across several board areas, including the filled areas.

A hairline crack-bridging coat in accordance with VOB Part C, DIN 18363, Paragraph 3.2.1.2 is ensured through full-surface reinforcement, e.g. with StoTap Pro 100 S or StoTap Pro100 P.

Concrete:

remove contaminants due to formwork oil, grease, and wax. Touch up gaps and shrinkage holes with StoLevell In Z. Prime with StoPrim Plex.

Wood, hardboard, particle board, and plywood boards:

prepare waxed boards accordingly. Prime with StoPrim Plex or Sto-AquaPrime.

Mould-infested surfaces:

remove mould layers through wet cleaning (e.g. brushing or scraping off). Subsequent treatment with StoPrim Fungal. Priming depends on the type and composition of the substrate.

Surfaces with nicotine, water, soot or grease stains:

wash off the surfaces with water that has grease-dissolving household cleaner added to it, allow to fully dry and brush off. Apply an isolating priming coat of StoPrim Isol, a second priming coat may be required depending on the conditions.

The coating layer build-ups and recommendations listed do not release the applicator from his or her own responsibility for substrate testing and assessment.

Application

Application temperature Lowest substrate and air temperature for application: +5 °C

Material preparation Ready-to-use

Consumption	Type of application	Approx. consumption	
	as adhesive	0.35	kg/m ²

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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.

Application	<p>paint, by roll</p> <p>Apply the special adhesive in strip width using a texturing roller. First, roll the roll over a sieve. In case of perforated ceilings, do not fill the holes with adhesive. Running adhesive compromises the transparency of the nonwoven.</p> <p>To ensure durable bonding, do not apply too much of the adhesive at once. Immediately apply a glass-fibre nonwoven strip and press it onto the adhesive firmly using a hard rubber roller. Hang every strip so that it abuts to the previous one.</p> <p>The ceilings are not 100 % free from the effects of glancing light.</p>
Drying, curing, ready for next coat	<p>High humidity and/or low temperatures prolong drying.</p> <p>At +20 °C temperature (air and substrate) and 65 % relative air humidity, the next coat can be applied after approx. 24 hours.</p>
Cleaning the tools	<p>Clean tools with water immediately after use.</p>
Indications, recommendations, special information, miscellaneous	<p>Please observe the general Sto application guidelines for acoustic systems. They are available from Sto SE & Co. KGaA. Installation/coating must only be carried out after prior instruction.</p>

Delivery Storage

Storage conditions Store tightly sealed in frost-free conditions.

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Certificates/approvals

Declaration of conformity No. 2014-04 Acoustic products formulation identity/name change
Certificate of conformity

Identification

Product group Adhesives

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.

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