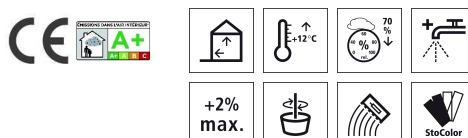


Technical Data Sheet

StoSilent Top Finish

Organic porous finishing coat for StoSilent acoustic systems



Characteristics

- Area of application**
- interior
 - as a finish for suitable StoSilent acoustic systems

- Properties**
- porous ultra-fine graining

- Appearance**
- matt in accordance with EN 13300
 - smooth surface

- Information/notes**
- the porosity is achieved by means of the special application technique

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Density	EN ISO 2811	1.4 - 1.6 g/cm ³	
Water vapour diffusion-equivalent air layer thickness μ	EN ISO 7783-2		V1 high
Reaction to fire (class)	EN 13501-1	A2-s1, d0	non-combustible
PH value		8.0 - 9.0	
Light reflectance value		77	
Degree of whiteness		69 %	

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 and dry. Damp or not fully cured substrates can lead to defects in subsequent coats, such as differences in colour shade, blistering, or cracks. Therefore do not apply onto damp or soiled substrates.

- Preparations**
- Inspect the surface to be coated:
- If necessary, slightly sand the surface using a sanding board or abrasive grid to remove any ridges.

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Application

Application temperature Lowest application and substrate temperature: +12 °C at a max. 70 % relative air and construction element humidity

Material preparation

Ready-to-use, can be diluted up to max. 2 % with water.

Use as little water as possible to achieve application consistency. Stir well before application.

Consumption

Type of application	Approx. consumption	
as finish	3.00	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.

Coating build-up

System:
metal sub-construction in accordance with EN 13964 with vernier hangers; fine grid bonded with StoSilent Profile Tape

Acoustic carrier board:
StoSilent Board 100, StoSilent Board 200, StoSilent Board 300, StoSilent Board MW 100, StoSilent Modular 200

System adhesive:
StoSilent Fix

Intermediate coat:
StoSilent Top Basic

Finish:
StoSilent Top Finish

Application

manually

Apply the finishing coat to the entire surface using a square trowel and comb it off with a 4 x 4 mm toothed trowel in a criss-cross fashion, where the second combing runs with the main incidence of light.

Combing in one direction should only be done by one person to ensure uniform layer thicknesses. Then level the surface with a wide trowel in one application cycle.

Collect surplus material separately.

After adjusting the consistency, this can be used again for other areas.

Depending on the ambient room temperature and air humidity, level the surface with a plastic trowel (blade thickness 1 mm). Start working when the surface is

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starting to become matt.
Metal abrasion can occur if the product is smoothed with metal tools.

It is recommended to lay an area of min. 5 m² in advance.

Provide sufficient manpower to carry out the coating. Areal scaffolding is required.

The ceilings are not 100 % free from the effects of glancing light.

Reworking:
Please contact your Sto Technical Consultant when planning to rework StoSilent acoustic ceilings with the StoSilent Top coating.

Drying, curing, ready for next coat	High humidity and/or low temperatures prolong drying.
Cleaning the tools	Clean tools with water immediately after use.
Notes, recommendations, special information, miscellaneous	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.

Delivery

Colour shade	white (approx. RAL 9016), limited tintability in accordance with the StoColor System
	<p>Colour accuracy: Due to the chemical and physical setting processes at different project conditions, it is not possible to give any warranty for uniform colour accuracy and freedom from stains especially with regard to:</p> <ul style="list-style-type: none"> a) uneven absorption of the substrate b) different substrate moisture levels c) partially very different alkalinity/substances in the substrate. <p>Note: If the material is tinted, the pigment paste adds small amounts of solvent to the product.</p>

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
M 10 0960/18 Page 1	StoSilent Distance A2 - StoSilent Board MW100, 66 mm - StoSilent Top Basic & Top Finish - Build-up E-200 Determination of the sound absorption factor in accordance with EN ISO 354

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M 10 0960/18 Page 3	StoSilent Distance A2 - StoSilent Board MW100, 46 mm - StoSilent Top Basic & Top Finish - Build-up E-200 Determination of the sound absorption factor in accordance with EN ISO 354
M 10 0960/18 Page 5	StoSilent Distance A2 - StoSilent Board MW100, 66 mm - StoSilent Top Basic & Top Finish - Build-up type A Determination of the sound absorption factor in accordance with EN ISO 354
M 10 0960/18 Page 7	StoSilent Distance A2 - StoSilent Board MW100, 46 mm - StoSilent Top Basic & Top Finish - Build-up type A Determination of the sound absorption factor in accordance with EN ISO 354

Identification

Product group Acoustic coating

Composition In accordance with the VdL directive (German Paint and Printing Ink Association) on coating materials for buildings, polymer dispersion, titanium dioxide, mineral extenders, water, additives, preservatives

Safety Observe the Safety Data Sheet!

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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