



StoSilent Top Acoustic system

StoSilent Top –

Perfect acoustics under an ultra-fine surface finish



Bodensee-Therme spa complex, D-Konstanz, Architekturbüro 4a



In StoSilent Top, Sto has created an innovative system combining optimum acoustic properties with a stunning appearance for the ultimate in interior design. The ultra-fine surface finish of the acoustic panel system ensures a virtually smooth appearance for a purist, sleek and ultra-modern look. The system's perfectly coordinated components combine to ensure the very best acoustic properties, too.

Harmonious room acoustics

Elements of contemporary architecture such as stainless steel, glass and natural stone result in a high level of sound reflection. Acoustic chaos commonly ensues in the absence of any measures to counteract these reflective properties. StoSilent Top is the solution for harmonious room acoustics throughout modern foyers, meeting rooms, offices and, in particular, theatres or lecture theatres.

Sublime elegance

The new, ultra-fine texture of the StoSilent Top system creates a virtually smooth, stylish and extremely elegant appearance. The system produces a backdrop combining high-tech performance with a beautiful aesthetic. In addition to brilliant white, which creates a shimmering effect in various light situations, a broad choice of pastel tones are also available for the top coat, providing maximum scope for creative colour design.

- Minimal surface texture
- Matt look
- Stylish and highly aesthetic

Sound basis for decision-making

As with all Sto products, the tested reliability of the StoSilent Top system provides architects, building physicists and clients alike with a sound and dependable basis for their decision-making processes.

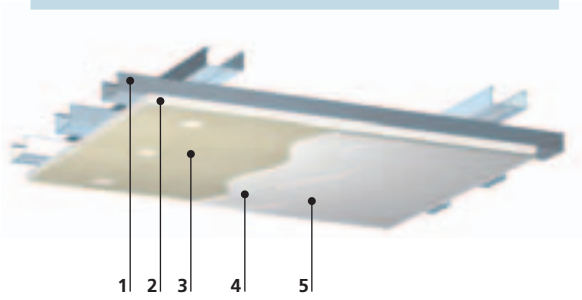
Reliable construction, simple installation

The monolithic, light basic panel that forms the core of the system offers excellent absorption characteristics. It is installed on a compression-proof sub-construction which influences the acoustics-enhancing efficiency according to the suspension height.

Reliability meets design scope

Coordinated components for an effective system

System components



- 1 Compression-proof metal sub-structure
- 2 StoSilent Top acoustic panel
- 3 Joint between panels, bonded with StoSilent Fix
- 4 Sound-permeable intermediate coating
StoSilent Top Basic
- 5 Sound-permeable top coat
StoSilent Top Finish

The surface application consists of the StoSilent Top Basic intermediate coat and the StoSilent Top Finish top coat which lends the system its unique character.

The system enables seamless panelling over extensive areas of up to 200 m². StoSilent Top can be used both as an acoustic ceiling and as a room-high wall system.



SAP Headquarters, D-Walldorf
Vorfelder Architekten und Planungsgesellschaft

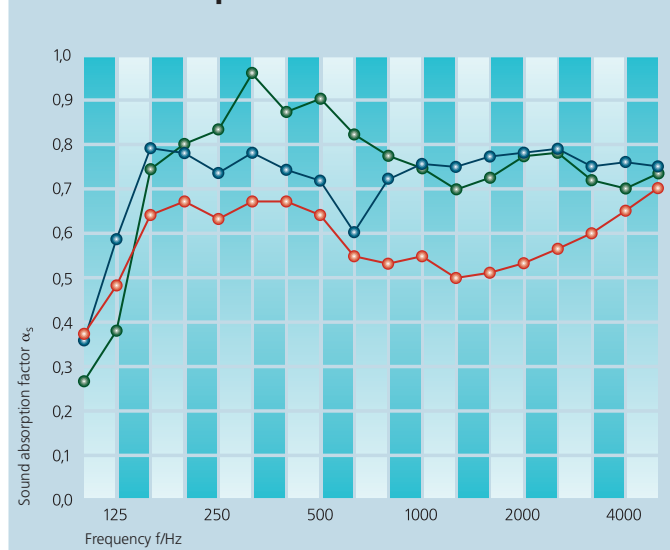
StoSilent Cool Top

This system combines perfect room acoustics with an ideal ambient interior climate. It air-conditions offices, concert halls or conference and exhibition rooms without any harmful draughts, free of germs and at an energy consumption level up to 50 % lower than that of conventional air-conditioning systems. The technical equipment remains fully concealed.

StoSilent Top A-Tec

StoSilent Top A-Tec offers a winning combination of reliability, functionality and individual design scope. This Sto acoustic system is suitable for use wherever wall and ceiling linings need to be non-combustible, e.g. in assembly rooms, public buildings, schools and along escape routes.

Sound absorption



The national technical approval has been issued by MFPA Leipzig and the structural design and attendant sound absorption values have been tested in the reverberation room at Müller BBM.

We will be pleased to furnish the complete test certificates on request.

Weighted sound absorption factor

- $\alpha_w = 0.60$ (L) for StoSilent Top Panel, undamped, 245 mm cavity
- $\alpha_w = 0.75$ (L) for StoSilent Top Panel, undamped, 245 mm cavity
- $\alpha_w = 0.80$ (L) for StoSilent Top Panel with mineral fibre and 30 mm cavity

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