



StoSilent Direct

The easy direct system

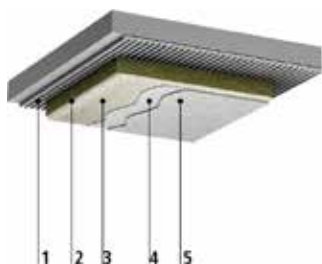
This space-saving direct system is very easy to assemble, manages without a sub-construction, and is suitable for virtually any substrate. This makes StoSilent Direct particularly suitable for old building fabrics. The system does not just have outstanding sound-absorbing properties, it also makes a multitude of different surface finishes possible. With the corresponding plaster coating, it is even possible to design seamless surfaces up to 700 m².

StoSilent Direct

The versatile absorber solution

The porous structure of the direct system, in conjunction with the sandwich panels made of mineral wool and expanded glass granulate, ensure outstanding room acoustics thanks to high absorption values. As far as design is concerned, StoSilent Direct lets you create your own style with the use of various finishes.

StoSilent Direct Plaster-coated and seamless system build-up



- 1 Adhesive**
StoSilent Coll MW
- 2 Acoustic panel**
Sound-absorbing acoustic panel made of mineral wool
- 3 Joint coating**
StoSilent Filler sound-absorbing joint filler
- 4 Intermediate coat**
Sound-permeable intermediate coat of StoSilent Top Basic
- 5 Finish**
Sound-permeable finish of StoSilent Top Basic or, if required, 1 - 3 coats of textured, sound-permeable StoSilent Decor M finish

StoSilent Direct Coat of paint – with open joints



- 1 Adhesive**
StoSilent Coll MW
- 2 Acoustic panel**
Sound-absorbing acoustic panel made of mineral wool
- 3 Intermediate coat**
StoColor Climasan sound-permeable paint coat
- 4 Finish**
StoColor Climasan sound-permeable paint coat

Head office

Sto SE & Co. KGaA

Market Development

Ehrenbachstrasse 1
79780 Stuehlingen
Germany

Phone +49 7744 57-1131
Fax +49 7744 57-2428
infoservice@sto.com
www.sto.com



System advantages:

- Direct adhesion to walls and ceilings – no sub-construction required
- High sound absorption due to a porous texture and sandwich build-up
- Very good price-performance ratio
- Unique “Climasan effect” with the photocatalytic interior paint, StoColor Climasan, which actively provides fresh air
- Considerable variety in terms of design and application
- Plaster-coated, suitable for seamless application up to 700 m²

Overview of StoSilent Direct

Areas of application:

- In interiors on walls and ceilings
- Recommendation: apply to walls above a height of 2 metres only
- Full-surface installation without sub-construction
- Only of limited suitability for areas subject to mechanical stress

Fixing:

- Bonding with StoSilent Coll MW
- Adhesive suitable for virtually all substrates

Reaction to fire:

- Non-combustible, A2-s1, d0 in accordance with EN 13501-1

Sound absorption:

- High level of absorption (e.g. 66 mm: α_w in accordance with EN 11654: 0.95 NRC=1.00 with paint coat)

Design possibilities:

- Paint-coated with StoColor Climasan
- Fine plaster coating with StoSilent Top Basic
- Coarse plaster coating with StoSilent Decor

Application:

- Panels fixed directly in a bond pattern → offset \geq 200 mm

Approvals/reports:

- The relevant European and/or national approvals apply