



StoSilent Top Basic with effect sand mixture

Application guideline

The sound-transparent StoSilent Top Basic coating puts wall surface areas effectively on display. The blowing-in of effect sands gives the surface a very special appearance and makes it sparkle. The seamless StoSilent Top and StoSilent Top A-Tec acoustic panel systems with their evaluated sound absorption factor of up to 0.80 are not only acoustically effective, but also visually brilliant thanks to their surfaces.

For further information on seamless acoustic panel systems from Sto, please visit www.sto.com !

Application steps

1st layer - StoSilent Top Basic



Applying the 1st layer

The StoSilent Top Basic in application consistency is applied to the carrier boards from the corner or the edge with a square trowel. The appearance is of secondary importance here. What is much more important, is that a sufficient amount of material is applied for the second step, the combing-off with a 4 mm toothed trowel.



Combing-off of the 1st layer

Once sufficient material has been applied, tothing can be carried out in a criss-cross pattern. The toothed trowel is pressed on strongly and uniformly at an angle of approx. 30°; ideally, scraping on the board can be heard. In order to achieve a uniform layer thickness, the material must be combed-off in a clean manner without any excess material in the transition area.



Smoothing of the 1st layer

The material is smoothed using a wide trowel with uniform pressure and at an angle of approx. 10°. Only a minimum amount of material should be trowelled off here. First, smooth the areas along the edges and then work on the entire surface.



Notes

Smoothing is to be carried out with no fixed smoothing direction, but must result in a neat appearance. To prevent the formation of trowel ridges, always trowel off the material using the same concave side of the wide trowel. Mark the side if necessary. If there is not enough material on a limited surface, take material from the surrounding area where possible. If clusters form, level using slower and heavier pressure.

Application steps

2nd layer - StoSilent Top Basic and effect sand mixture



Applying the 2nd layer

After a drying time of 36 hours the 2nd layer of StoSilent Top Basic can be applied. This is first applied in sufficient layer thickness as described in steps 1 - 3 and then tothed in a criss-cross pattern with a 6 or 8 mm toothed trowel.



Smoothing of the 2nd layer

The combed-off surface is smoothed again with a wide trowel as described in step 4.



Blowing in the effect sand mixture

The effect sand mixture is blown in uniformly or non-uniformly – depending on the desired appearance – into the freshly smoothed substrate with the Sto-Terrazzo Effect Gun (Sto-Silicon Carbide F 14) or the Sto-Hopper Gun (StoEffect Vetro) at a pressure of approx. 1.5 bar. Recommendation: be somewhat more frugal with the amount of material you use as less is more here.



Smoothing the surface

Depending of the ambient conditions, drying takes approx. one hour. Using a plastic trowel, apply some light pressure to the entire surface (Sto-Plastic Smoothing Trowel, blade thickness of 1 mm). To prevent the formation of grooves, fully apply the plastic trowel, do not smooth! This way the effect sand mixture is optimally embedded into the StoSilent Top Basic coating and prevents trickling-off of the grains and any risk of injury due to the glass splinters.

Info

- Application onto interior wall surface areas only
- In order to prevent any damage during the creation and application of adjacent areas (e.g. internal corners) to finished areas, opposite surfaces should be completed first and material should only be applied to adjacent areas after drying.
- StoSilent Top Basic is tintable in over 250 colour shades of the StoColor System. Special colour shades (e.g. black) on request
- Available effect sand mixtures: Silicon carbide F 14 (black) and StoEffect Vetro (transparent)

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Quality Management System
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Plants in Stühlingen, Donaueschingen,
Tollwitz, Rüsselsheim, Krittell

The concrete technical specifications and information on the products contained in the Technical Data Sheets and approvals must be observed.