


OSCAR ACOUSTICS

Noise transfer control

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Sonacoustic[®]

a seamless acoustic ceiling and wall covering...



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Synthetic Acoustic Plaster

Sonacoustic is a synthetic acoustic plaster finish with the appearance of conventional painted plaster. Unlike plaster, it absorbs sound energy instead of reflecting it, thereby reducing reverberation times and overall noise levels, giving clarity to speech and music.

A beautiful room with simple surfaces such as feature wood floors and plain flat walls may be visually appealing but may not be the most pleasurable place to spend time due to overwhelming poor acoustics.

The same visual impact combined with a sympathetic and relaxing acoustic ambience is possible with Sonacoustic synthetic acoustic plaster.

Interior designers who incorporate Sonacoustic acoustic plaster into their designs can achieve spatial design with hard smooth surfaces without compromising the acoustic ambience.

This was the case with Benbow House, luxury Thames side apartment, Southwark, London. During refurbishment, Sonacoustic PL was applied to walls, resulting in superb acoustics without compromising flat surfaces.

Sonacoustic can be directly applied to any substrate - wood, gypsum board, concrete or any other usual construction surface.

Sonacoustic is applied at 25mm thick, the area is dependent on the acoustical requirements of the project. An air gap is introduced to achieve high absorption at low frequencies.

Sonacoustic synthetic acoustic plaster is fire rated BS476: Class 1 to Part 7 and Class 0 to part 6.



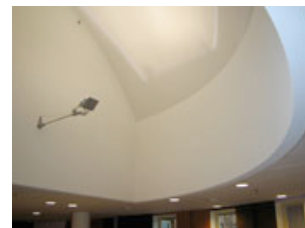
Relaxing view from the balcony of the apartment



VWA Building, The Hauge.

The VWA design team set the design target as creation of the perfect working environment.

Sonacoustic Elite acoustic plaster was selected as the best choice of ceiling finish to complement the other feature surfaces and provide acoustic ambience within design parameters. It was applied to all ceilings throughout the VWA Building.



Contemporary design, cheerful colours and state of the art acoustics make a hectic day at the office less stressful for contented employees.

Sonacoustic Structure

The construction consists of a mineral board of 20 mm thickness and a top layer of approx. 5 mm Sonacoustic synthetic acoustic plaster, which is sprayed, trowelled and worked to optical requirements.

Choice of Finish

Sonacoustic CL Stucco
Sonacoustic PL Trowel smooth with surface grains
Sonacoustic Elite Trowel and rubbed to a smooth plaster finish.

The finish is visually hard, and hard to the touch, but with excellent sound absorption.

Installation

Sonacoustic is installed by our own trained staff in order to guarantee optimal workmanship.

Maintenance & Cleaning

Dust is removed by lightly brushing or vacuuming with a soft brush head. A wall or a ceiling can be entirely over sprayed in the same or a change of colour.

Repairing & Servicing

Local repairs of small areas are easily carried out.
It is possible to install a new thin layer of Sonacoustic acoustic plaster when the time comes for major redecoration.

Acoustic results

Our technical dept offers free advice on the use of our products.

Sonacoustic Sound Absorption

Sonacoustic 25 mm measured directly on hard floor



Sonacoustic 25 mm on 60 mm cavity



Sonacoustic 25 mm on 125 mm cavity



Click PDF icon to compare
Sonacoustic acoustic
plaster with other finishes

Sonacoustic absorption coefficients

Thickness in mm	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	EN ISO 11654 CLASS	NRC
Standard air gap 0mm	0.10	0.52	0.83	0.87	0.85	0.83	B	0.75
Standard air gap 60mm	0.62	0.91	0.78	0.77	0.85	0.88	B	0.85
Standard air gap 125mm	0.90	0.88	0.75	0.78	0.86	0.90	B	0.85

Test Data certified by TNO Technical University Delft NL.