

sonacoustic[®]

Seamless acoustic design solutions!



Sonacoustic[®], seamless acoustic

A good acoustic solution does not need to be visible! Sonacoustic[®] gives you a smooth plaster appearance in a seamless acoustic ceiling or wall, with invisible, unparalleled sound absorption. With Sonacoustic[®] you rid yourself of disturbing reverberations and echo. Noise will not have a chance. Acoustic comfort will take its place and create a delightful environment in which it's a pleasure to live and work.

Satisfying acoustic requirements in any project has become a simple matter. Visible profiles and joints in a ceiling surface are a concern of the past.

Sonacoustic[®] makes it possible!

What kind of product is Sonacoustic[®]?

Sonacoustic[®] consists of a Sonaboard (a specially designed mineral-wool board) to which two layers of acoustically transparent plaster are spray-applied. First a Sonaplaster Base and then the Sonaplaster Finish final plaster. Sonacoustic[®] is the least complicated seamless acoustic ceiling of its type.

Where to use?

The list is virtually endless; offices, reception areas, restaurants, atriums, places of worship, hotels, shopping areas, cinemas, schools, public facilities, indoor pools, airports, railway stations and even living rooms will benefit from the appropriate acoustic conditions created by Sonacoustic[®].



design solutions!

Daylight through a seamless acoustic ceiling at the Erasmus University in Rotterdam





Do we need a costly fixed scaffold to mount the Sonacoustic® ceiling or wall construction?

No, Sonacoustic® can be installed from a rolling scaffold, cherry picker or scissor lift.

Just imagine the savings in time and money, and not having to worry about space and time consuming installation of stationary scaffolding and the inconvenience of access obstruction of the installation area.

Can we repair damaged spots in the Sonacoustic® surface?

Yes we can, easily and invisibly. Especially on bigger jobs damage can occur to a freshly installed ceiling. No problem for Sonacoustic®.

Do we need to worry about installation?

No, Sonacoustic® is installed by our own certified installers. We manufacture the product and take care of its installation.

How about colors?

We can do any color!

Constructional items/fittings ?

Constructional items and fittings such as lights, airco, etc. can be integrated into the ceiling system. See www.sonacoustic.com or www.asona-usa.com for construction details.

Can Sonacoustic® do concave, vaults and dome-like shapes?

Certainly, Sonacoustic® follows any shape or form of any construction without problem.

Maintenance

see guidelines on website.

How good is Sonacoustic® really?

We asked two world-renowned laboratories, in Europe the Fraunhofer Institut in Stuttgart and in the U.S.A. the famous Riverbank Acoustical Laboratories in Illinois, to carry out extensive acoustic testing.

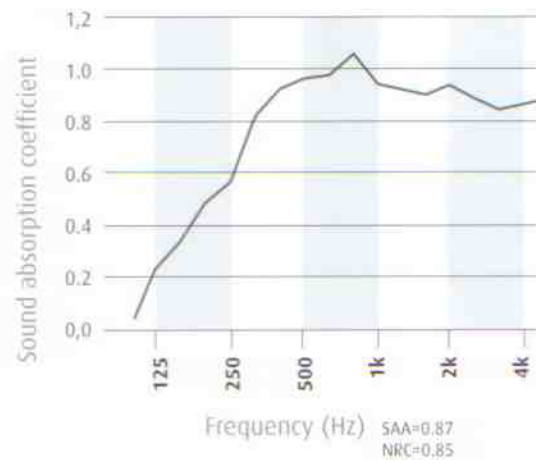
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The graphics below show some of the results. Full reports of all measurements can be downloaded from our www.sonacoustic.com or www.asona-usa.com

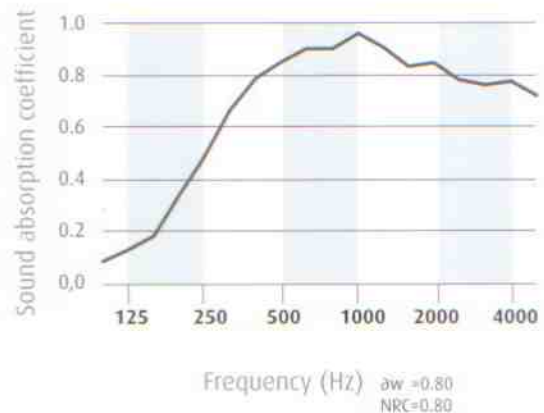
Riverbank Acoustical Laboratories

Sound absorption report RAL-A11-209a



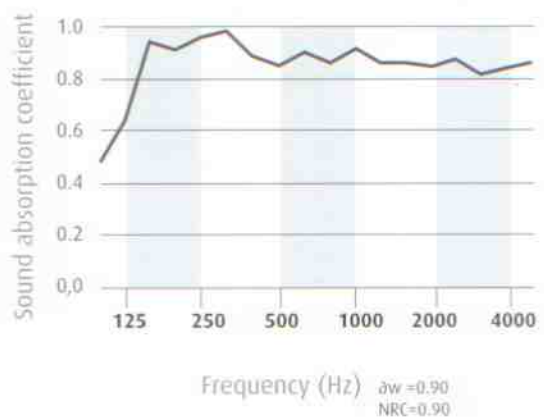
Thickness construction 1.35 inch - 35 mm

Fraunhofer Institute



Thickness construction 1.0 inch - 25 mm

Fraunhofer Institute



Thickness construction 2,5 inch - 65 mm

Fire resistance?

Sonacoustic® was tested for fire resistance, in Europe as well as in the U.S.A. Both certified laboratories rated Sonacoustic® as incombustible.

- A Firelabs, Berlin-Germany. Classification A2-s1,d0 according to EN 13501-1
- B Intertek - Elmendorf - Texas. Sonacoustic® was tested according to ASTM E84-11a Test for Surface burning - Characteristics of Building Materials (UL 723, UBC 8 - 1, NFPA 255).
Test result:

Flame spread index 0 Smoke developed index 0

Fungi Resistance:

Sonacoustic® was tested for "Fungi resistance" according to ASTM C 1338 by R & D in Cookeville - Tennessee - U.S.A., result: no fungal growth appeared.

Thermal properties:

Thermal conductivity and water vapor transmission were tested by MPVA laboratories in Neuwied - Germany.

Health:

No carcinogens or reproductive/developmental toxins could be detected. Classified M 1 by Eurofins laboratories in Denmark - test reports G09415A & G09415C.

Light reflectance:

Tested by Chemir laboratories according to ASTM E1331. Result: a remarkable average light reflectance value of 94.69 for the standard white ceiling. All test reports will be available for downloading from www.sonacoustic.com or www.asona-usa.com

You will find Sonacoustic® pleasing to the eye, the ear, and your budget!



In this world famous architectural design project of the extension of the historic Municipal Museum for modern Art in Amsterdam, you will find approx. 5.000 m² – 46.500 SF of Sonacoustic® seamless acoustic ceilings installed.

For further details, please consult www.sonacoustic.com and for the U.S. www.asona-usa.com

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