



Seamless Acoustic Ceiling System

Quietspray is one of the world's best acoustic ceiling systems on the market.

Our system consists of a recycled glass acoustic board and a beautiful white marble granular acoustic plaster. Quietspray plaster can be trowel or spray applied.



Our seamless acoustic ceiling systems can be enjoyed by everyone. A noisy restaurant, bar or office is not a healthy environment to be in. Choosing the right acoustical environment is essential as communication is an important basic element of all our lives.



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Introduction

Quietspray is one of the world's leading seamless acoustic ceiling providers and installers with approved and successful projects worldwide. We manufacture our very own acoustic panel in Cheshire, England. Our acoustic panel is made from 94% recycled glass with a beautiful marble granular acoustic plaster finish.

Properties

- Sound absorption properties which range from class A to D
- Thermal conductivity of 0.08 w/mk
- Thickness of system ranges from 30mm – 225mm
- Range of finishes for our acoustic plaster
- Colour match and RAL colours are available

Suitable areas of application

- Vertical wall areas, low or high
- Curved wall areas, low or high. Radius of 0-500cm
- Ceiling areas
- Curved wall areas. radius of 0-500cm

Installation Conditions

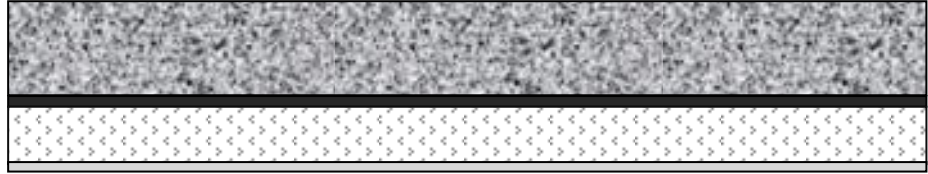
For installing our Quietspray system the conditions of the environment must be the following.

- The ceiling has to be either a concrete structure or a plasterboard structure
- Ceiling must be stable (no signs of cracking)
- Must be airtight
- Area of install must be accessible
- Room temperature has to remain stable around the installation and drying time
- Quietspray installers have to have access to the ceiling areas without other construction workers blocking the areas of install.

System profiles

Class D Quietspray 30

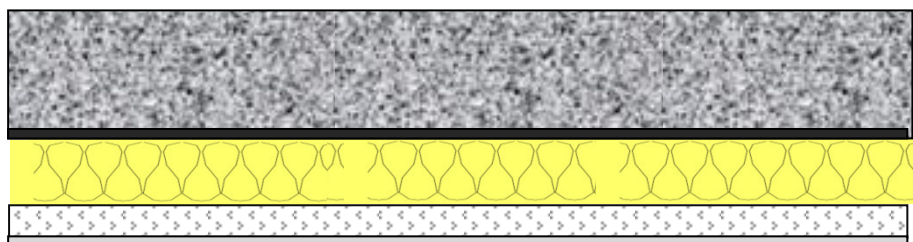
Concrete
2mm adhesive
25mm Quietstone board
3mm acoustic plaster



Concrete soffit, 2mm Quietstone adhesive, 25mm Quietstone Light board, 3mm acoustic plaster

Class A Quietspray 55

Concrete
2mm adhesive
40mm mineral wool
10mm Quietstone Light board
3mm acoustic plaster

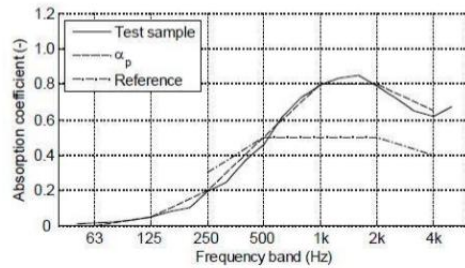


Concrete soffit, 2mm Quietstone adhesive, 40mm Quietstone high density mineral wool, 10mm Quietstone Light board, 3mm acoustic plaster.

Acoustic test results

Class D Quietspray 30mm thick system

Frequency (Hz)	α_1 (-)	α_p (-)
50	0.01	
63	0.02	0.00
80	0.02	
100	0.03	
125	0.05	0.05
160	0.05	
200	0.10	
250	0.19	0.20
315	0.25	
400	0.37	
500	0.46	0.50
630	0.62	
800	0.73	
1000	0.80	0.80
1250	0.83	
1600	0.85	
2000	0.79	0.80
2500	0.73	
3150	0.65	
4000	0.62	0.65
5000	0.67	



$A_w = 0.50$ (MH) (Absorption class D)

Quietspray – Seamless acoustic spray system.
Acoustic test results – 25MM panel with no air gap.

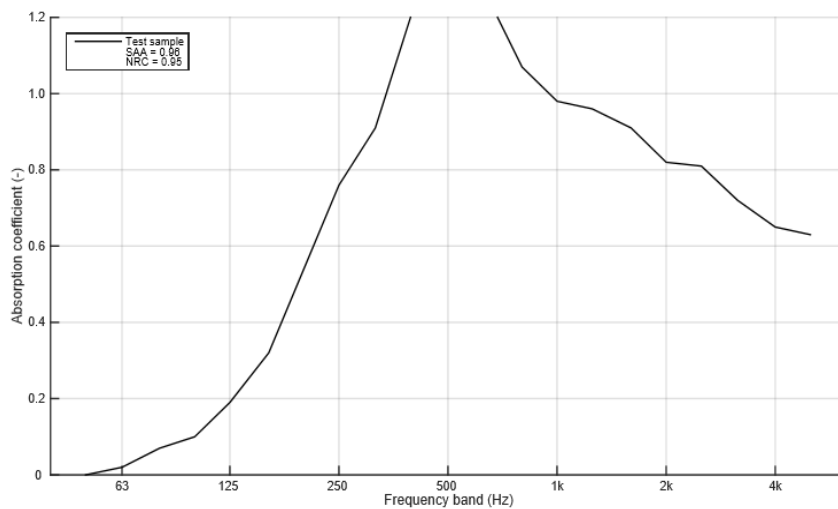
Class A Quietspray 55mm thick system

Frequency f [Hz]	Sound absorption coefficient α
50	0.00
63	0.02
80	0.07
100	0.10
125	0.19
160	0.32
200	0.54
250	0.76
315	0.91
400	1.22
500	1.24
630	1.27
800	1.07
1000	0.98
1250	0.96
1600	0.91
2000	0.82
2500	0.81
3150	0.72
4000	0.65
5000	0.63

Sound Absorption Average (SAA): 0.96
Noise Reduction Coefficient (NRC): 0.95

Description of test specimen: Thickness 50 mm.
40 mm glass wool, 10 mm glass granulate.
Type A mounting.

Reverberation room volume: 200 m³
Temperature: 17.8 °C (empty: 17.6 °C)
Air humidity: 63% (empty: 64%)
Air pressure: 98.7 kPa (empty: 98.7 kPa)
Size of specimen: 10 m²
Area weight: 5 kg/m²
Measurement date: 2016-05-23
Measured by: Carl Nyqvist



Installation times

Our installation times are based on three to four men working on a 40-60m² ceiling project.

Day 1 and 2: bonding the Quietstone Light boards to ceiling

Day 3, Applying Quietstone filler to the joints and sanding the surface

Day 4 and 5 Applying acoustic plaster to the surface of the ceiling

Day 6 and 7 – Drying times

The perfect conditions for our acoustic plaster to dry are 15 degrees + and airflow

Maintenance / aftercare

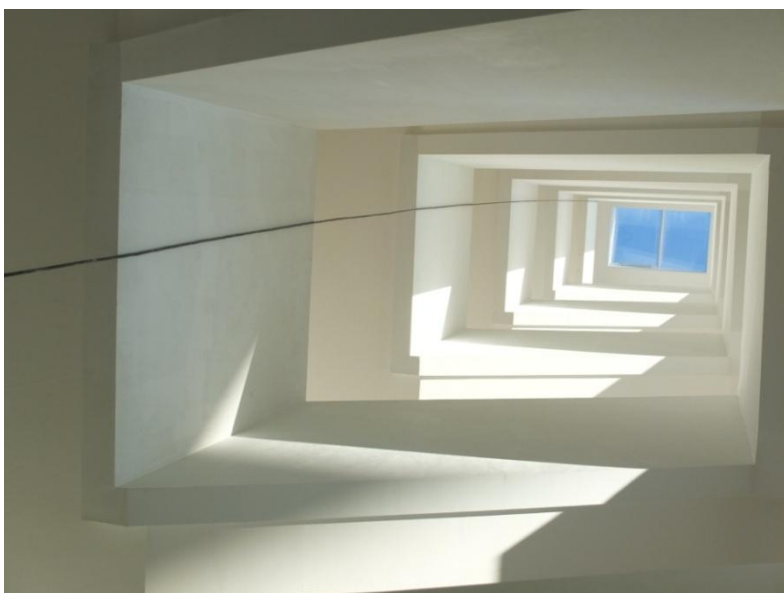
Cleaning and maintenance guide.

To ensure continual high performance of our acoustic seamless ceiling system the following regime should be followed.

- 1/ Keep the area in and around the ceiling dust free.
- 2/ Reduce draft flow as this can cause dust to be forced into the ceiling.
- 3/ Vacuum every six months.
- 4/ Report and observe any colour changes due to air pollution.
- 5/ Keep air conditioning units clean and serviced.

For further inquiries and prices please contact us by one of the following methods

Tel: 01625 576970



Email: info@quietstone.co.uk

Address: Quietstone UK Ltd, Nab Quarry,
Pott Shrigley, Cheshire, SK10 5SD

Music studio in Korea: 600m2 of
Quietspray on the walls



Denmark: 250m2 of Quietspray in a private building

England: 1500m2 of Quietspray in a mental
health hospital

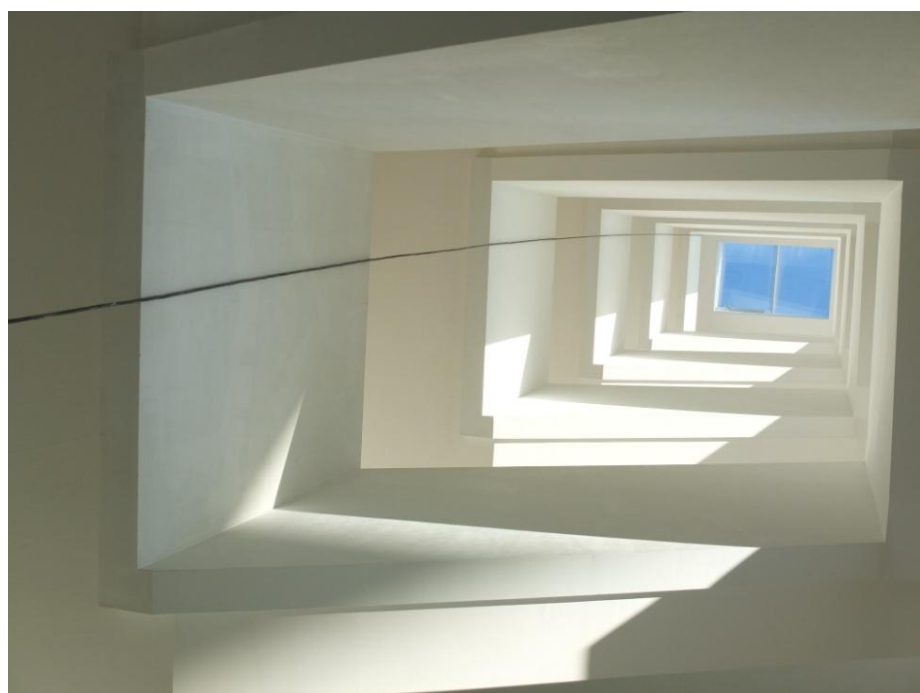


Liverpool, England: 180m2 of Quietspray in a red colour



Korea: 450m2 of seamless acoustic wall system in grey

100m2 of
Quietspray in
busy
restaurant -
Denmark



Denmark: 350m2 of seamless plaster
around a staircase