Technical Data Sheet

Atrium™

Ceiling tiles

Product description and application

Atrium is a suspended ceiling tile lined with a decorative glass fibre tissue on the visible side and natural glass fibre tissue on the reverse side.

Atrium is ideal for any project requiring acoustic control (especially high frequency noise).

Physical properties

Length (mm)	Width (mm)	Thickness (mm)	Acoustic Performance	Material R-value (m^2 K/W)	Pieces per pack
600	600	25	$\alpha_W = 1$	R 0.71	20
1200	600	25	$\alpha_W = 1$	R 0.71	10
675	675	25	$\alpha_W = 1$	R 0.71	16
1350	300	25	$\alpha_W = 1$	R 0.71	20
1350	600	25	$\alpha_W = 1$	R 0.71	10
1200	1200	25	$\alpha_W = 1$	R 0.71	6
1500	1000	40	$\alpha_W = 1$	R 1.14	6

Acoustic absorption

(Refer overleaf)

Light reflection

Due to its high light reflection coefficient (> 85 %), Atrium, when installed, reduces the use of powered lighting.

Fire testing

Group 1 classification according to AS/NZS 3837:1998, 'Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter'.

Available colours

White Platinum, Night Blue, Grey Silver, Black Cobalt.

Humidity

Stone wool, produced by Eurocoustic, is non hydrophilic.

Eurocoustic ceiling tiles are resistant to humidity and suitable for use in the most severe atmospheres without risk of sagging.

eurocoustic

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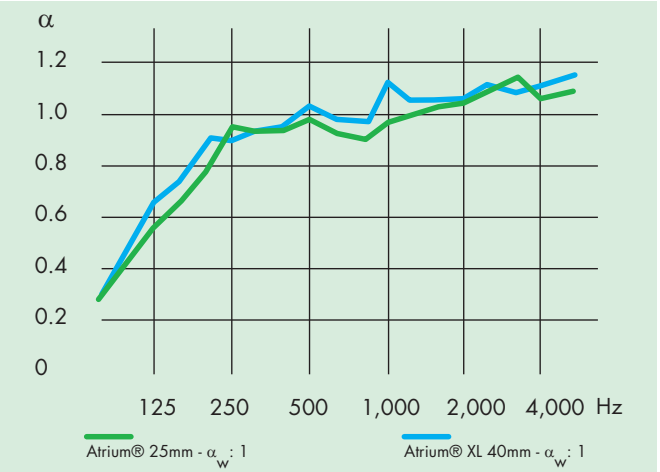
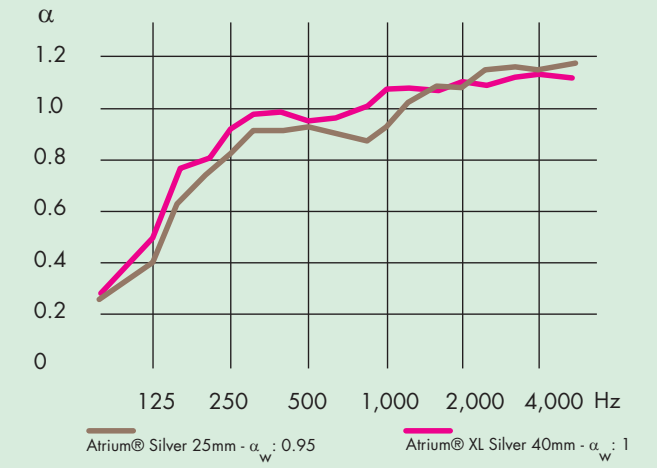
We safely deliver extraordinary value to our customers

Acoustic absorption

Atrium ceiling tiles present a maximum acoustic performance ($\alpha_W = 1$) which decreases the reverberation time and therefore reduces the sound levels.





Health and environment

Eurocoustic stone wool is manufactured from natural and widespread raw materials including recycled products. In addition, the fitting and cut waste is also recycled in the production process. The stone wool ceiling tiles are made with fibres that do not contain any materials classified as harmful to humans.

Eurocoustic ceiling tiles contribute to the safety and comfort of the building occupants. It also reduces the sound levels, energy consumptions and emissions of greenhouse gases.
The energy saved with the use of Eurocoustic ceiling tiles exceeds the energy required in manufacturing. As a consequence there is a significant reduction of CO^2 emission; which are responsible for 82% of the total emission of greenhouse gases.

Installation

Atrium ceiling tiles are installed on an easy to dismantle T15 or T24 mm framework. We recommend providing air circulation between the room and the plenum in order to balance out any temperature and pressure differences on either side of the ceiling.

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