

Series 33 - Acoustic Liner

Date: 11/05/2021

Reference: 33

Issue: 1



GIS liners are manufactured in 75 or 100mm thicknesses from 80kg rock slab encapsulated in 200gsm plain glass cloth (THE REAR THAT GOES TO WALL can if required have a class 0 foil applied applied to aid with vapour penetration from any concrete/brick walls state at order time if needed.) The product provides an efficient means of controlling acoustic reverberation time as well as reflective sound within machinery, boilers and other industrial type rooms.

GIS liners are easily installed with the use of perforated stick pins and washers, panels are available in a white or black glass finish with a panel size of 1200x300mm, 1200x600mm and 600x600mm.

Fire Performance

Class O to building regulations achieving Class 1 (surface of very low flame spread) when tested in accordance with BS 476: Part 7 and the indices of performance to BS 476: Part 6. Non-combustible to BS 476: Part 4.

Performance

Rock slabs are rot proof, odourless, non-hydroscopic, do not sustain vermin and not encourage the growth of fungi, mould or bacteria.

T200 E Glass Cloth

This weaved products helps improve the finish of mineral wool and also prevents fibre escape with impairing the acoustic performance of the slabs.

Sound Absorption Co-Efficients							
Frequency (Hz)							
Type	125	250	500	1000	2000	4000	NRC
75mm	0.53	1.00	1.00	1.00	1.00	1.00	1.15
100mm	0.59	1.05	1.00	1.00	1.00	1.00	1.00

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