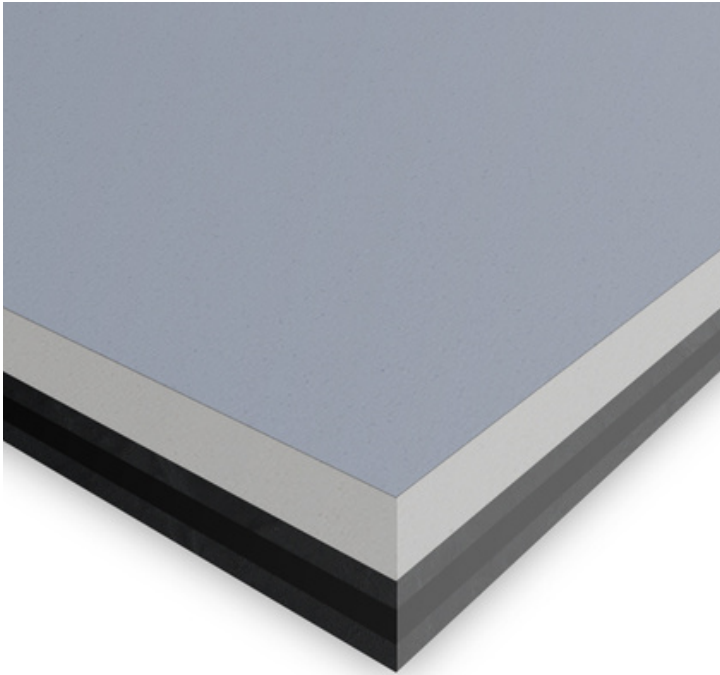


Sound Insulation Test

Noisestop Acoustic Panel



Mass air resonant frequency = 44Hz

Panel size = 2.7m x 4.0m

Partition surface area mass = 53kg/m²

System Description

- Noisestop Acoustic Panel applied to a single skin brick wall (comprises)
- 12.5mm acoustic plasterboard
- 5kg mass loaded vinyl barrier
- 5mm acoustic grade closed-cell foam
- 5kg mass loaded vinyl barrier
- Acoustic sealant to the edges and perimeter of the boards

Rw 49dB

freq.(Hz)	R(dB)	R(dB)
50	38	
63	39	39
80	40	
100	41	
125	41	40
160	40	
200	36	
250	37	37
315	39	
400	42	
500	45	44
630	47	
800	50	
1000	52	52
1250	55	
1600	57	
2000	59	58
2500	60	
3150	62	
4000	63	63
5000	65	

