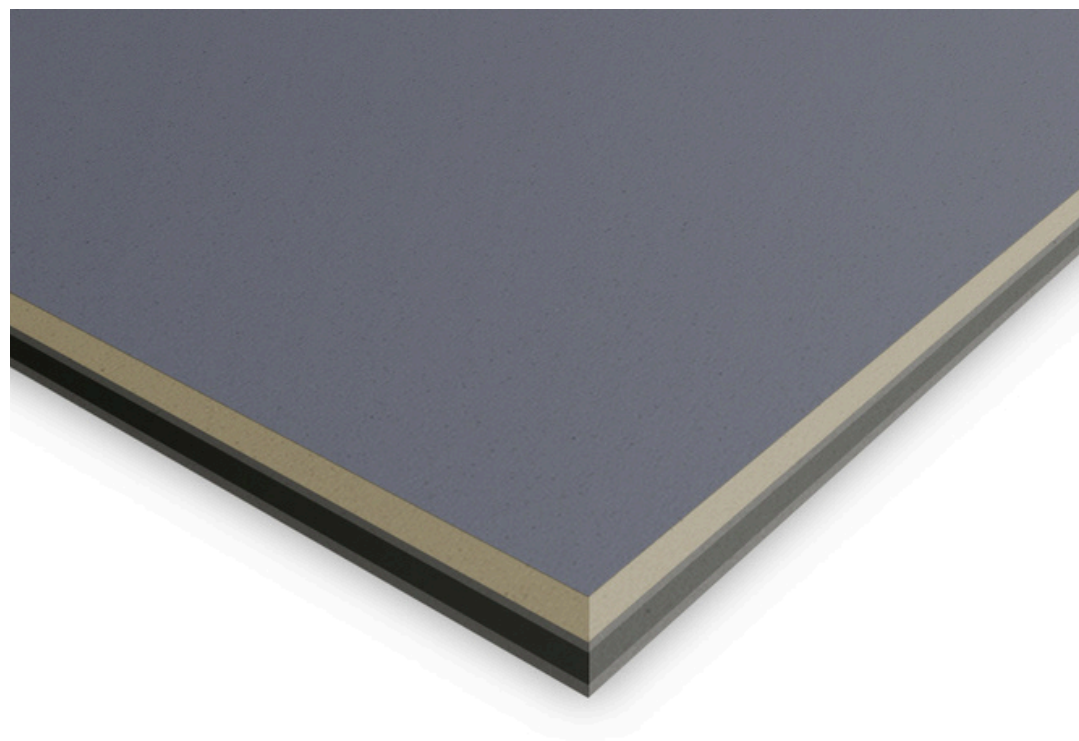


## Noisestop Acoustic Panel 22.5mm Performance Data

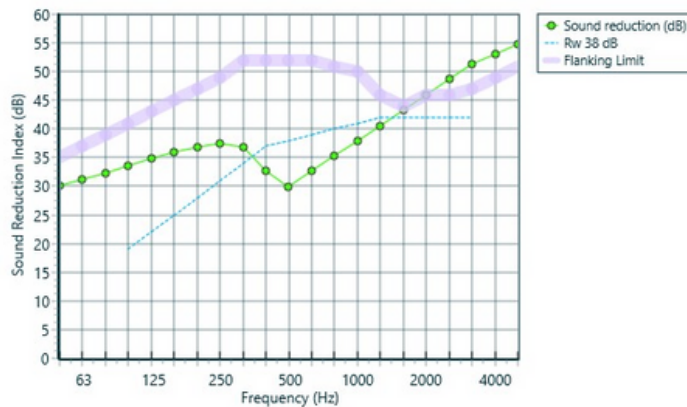


## Performance Data Untreated Walls

### Untreated Brick Wall

100mm single skin brick wall

Frequency Hz	DnT Value 1/3 Octave -dB Untreated Wall
50	30
63	31
80	32
100	33
125	34
160	36
200	37
250	38
315	37
400	33
500	30
630	33
800	35
1000	38
1250	41
1600	43
2000	46
2500	51



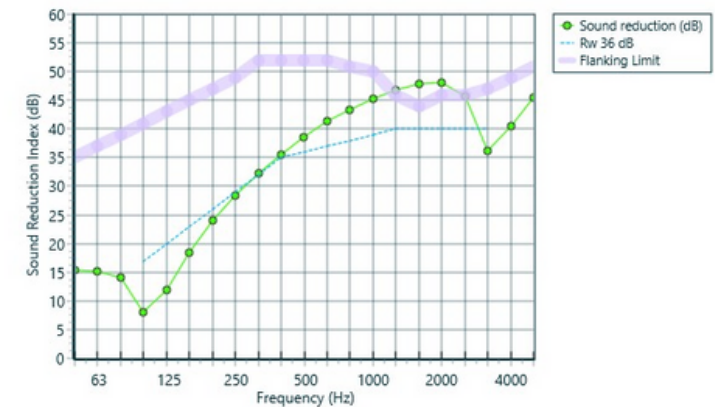
<b>Untreated 100mm single skin brick wall</b>	<b>DnT,w 38dB</b>
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Rating in accordance to ISO 717-1

### Untreated Stud Wall

100mm stud wall with acoustic insulation and 12.5mm plasterboard either side

Frequency Hz	DnT Value 1/3 Octave -dB Untreated Wall
50	15
63	15
80	14
100	8
125	12
160	19
200	24
250	29
315	32
400	36
500	39
630	41
800	43
1000	45
1250	47
1600	48
2000	48
2500	45

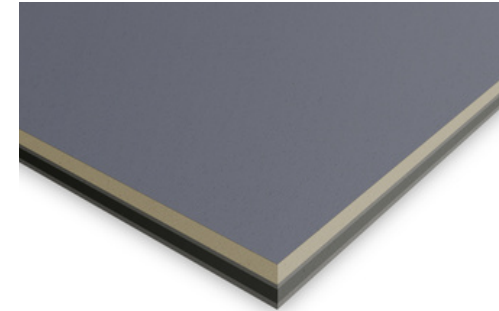


<b>Untreated 100mm stud wall with acoustic insulation and 12.5mm plasterboard either side</b>	<b>DnT,w 36dB</b>
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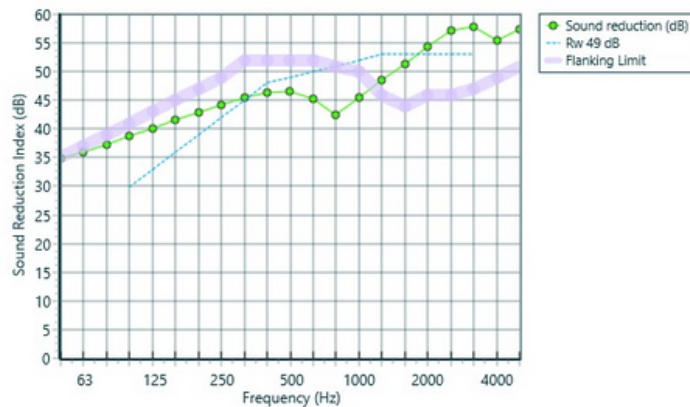
Rating in accordance to ISO 717-1

## Performance Data Noisestop Acoustic Panel 22.5mm

Noisestop Acoustic Panel applied to 100mm single-skin brick wall

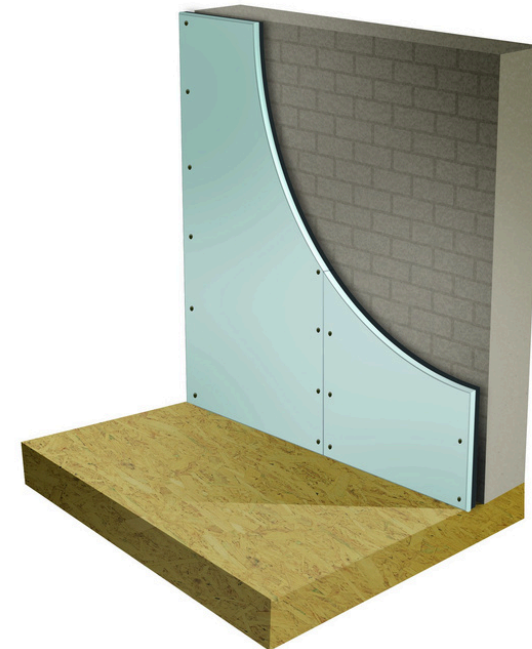


Frequency Hz	DnT Value 1/3 Octave -dB Untreated Wall
50	35
63	36
80	37
100	39
125	40
160	41
200	43
250	44
315	45
400	46
500	47
630	45
800	43
1000	46
1250	48
1600	51
2000	54
2500	57



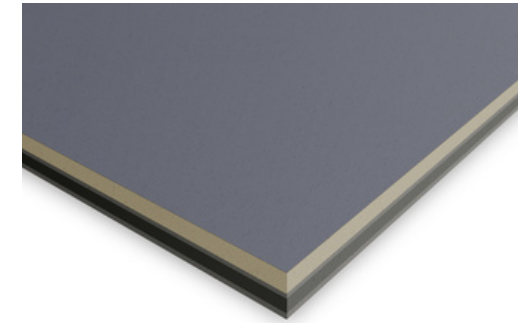
Untreated 100mm single skin brick wall	DnT,w 38dB
Acoustic Panel applied to 100mm brick wall	DnT,w 49dB
<b>Improvement</b>	<b>DnT,w 11dB</b>

Rating in accordance to ISO 717-1

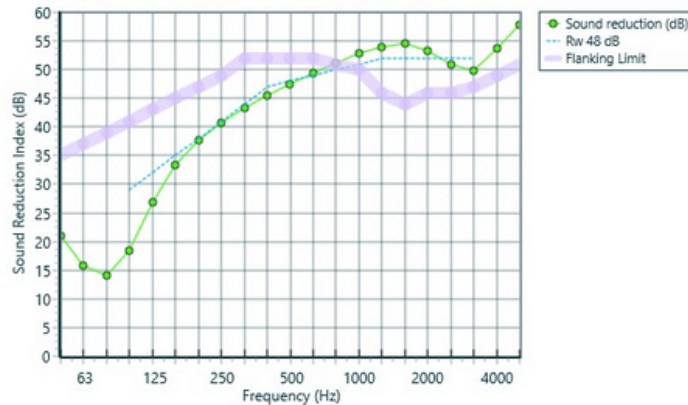


## Performance Data Noisestop Acoustic Panel 22.5mm

Noisestop Acoustic Panel applied to one side of the stud wall



Frequency Hz	DnT Value 1/3 Octave -dB Untreated Wall
50	21
63	16
80	14
100	18
125	27
160	33
200	38
250	41
315	46
400	46
500	48
630	49
800	51
1000	53
1250	54
1600	55
2000	53
2500	51



Untreated 100mm stud wall with acoustic insulation and 12.5mm plasterboard either side	DnT,w 36dB
Acoustic Panel 22.5mm applied to one side	DnT,w 48dB
<b>Improvement</b>	<b>DnT,w 12dB</b>

Rating in accordance to ISO 717-1

