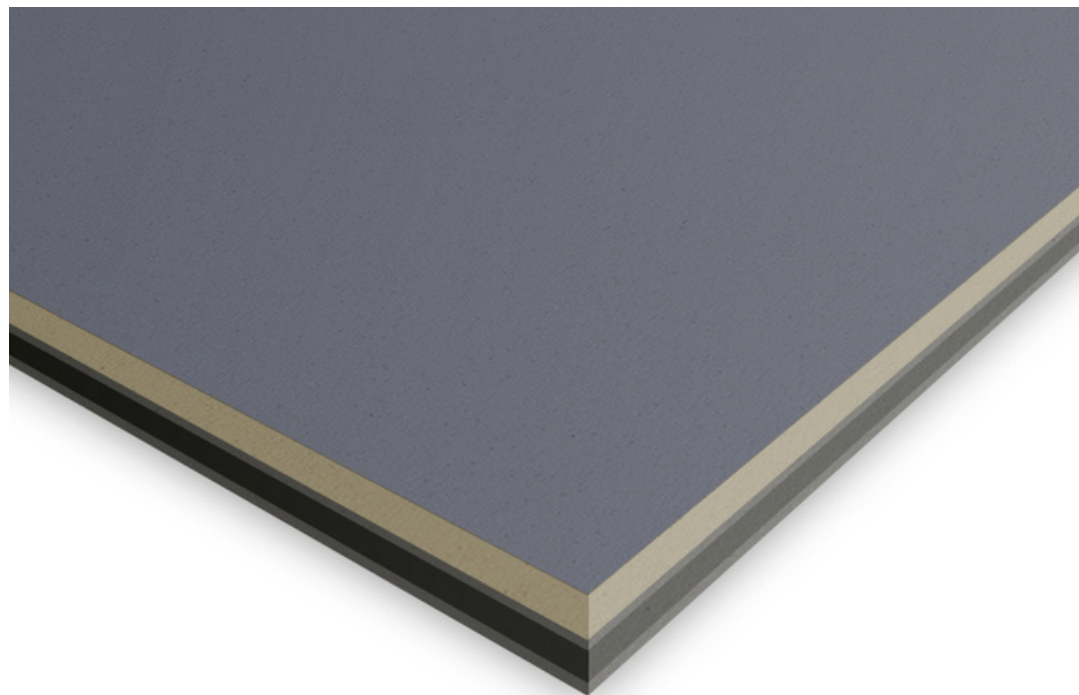


## Noisestop Silent Panel Performance Data

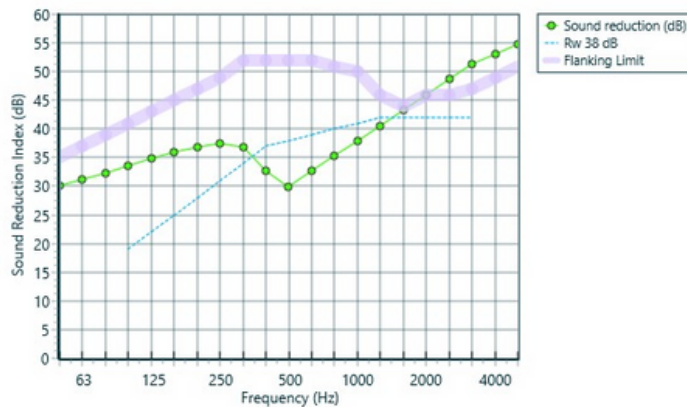


## Performance Data Untreated Walls

### 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



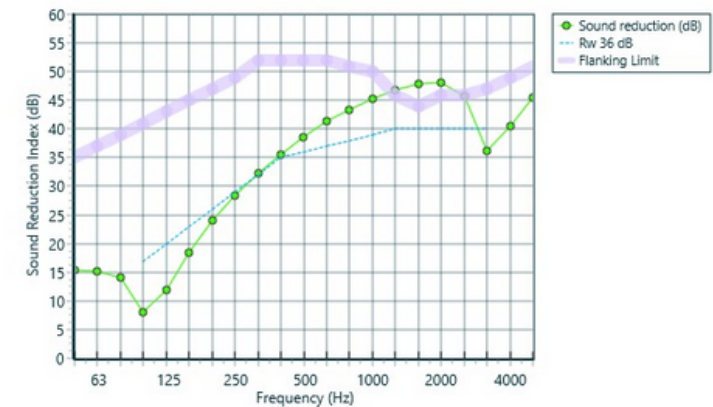
<b>Untreated 100mm single skin brick wall</b>	<b>DnT,w 38dB</b>
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Rating in accordance to ISO 717-1

### Untreated Stud Wall

100mm stud wall with 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



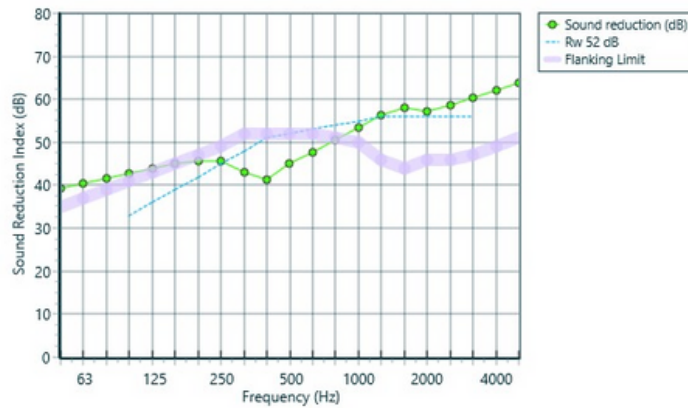
<b>Untreated 100mm stud wall</b>	<b>DnT,w 36dB</b>
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Rating in accordance to ISO 717-1

# Performance Data Noisestop Silent Panel

## Noisestop Silent Panel 100mm single skin brick wall

Frequency Hz	DnT Value 1/3 Octave -dB Untreated Wall
50	39
63	41
80	42
100	43
125	44
160	45
200	46
250	46
315	43
400	41
500	45
630	48
800	51
1000	54
1250	56
1600	58
2000	57
2500	59

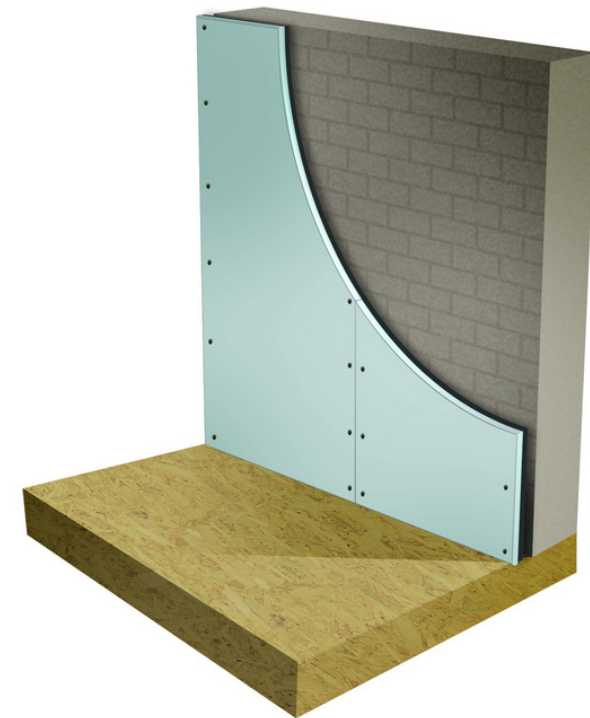


Untreated 100mm single skin brick wall	DnT,w 38dB
Silent Panel applied to 100mm brick wall	DnT,w 52dB
Improvement	DnT,w 14dB

Rating in accordance to ISO 717-1

### Wall Build up

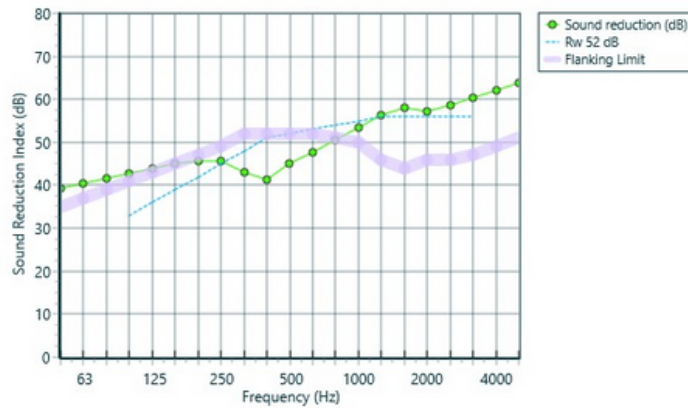
Existing wall  
 Silent Panel



# Performance Data Noisestop Silent Panel

## Noisestop Silent Panel 100mm Stud Wall

Frequency Hz	DnT Value 1/3 Octave -dB Untreated Wall
50	22
63	19
80	17
100	22
125	30
160	36
200	40
250	43
315	46
400	48
500	50
630	52
800	54
1000	55
1250	56
1600	57
2000	57
2500	54



Untreated 100mm stud wall	DnT,w 36dB
Silent Panel applied to 100mm stud wall	DnT,w 52dB
Improvement	DnT,w 16dB

Rating in accordance to ISO 717-1

### Wall Build up

Existing wall  
 100mm/60kg Acoustic Insulation  
 Silent Panel

