

Test Specimen Name: 54mm Moralt Bond Up

Reference Number: MTZ/F13020/P014

Client: Moralt AG

Date of Test: 23/05/2013

Test Specimen Installed By: BM Trada

Area of Specimen (S): 2.10 m²

Source Room Volume: 82.00 m³

Temperature in Test Rooms: 18.2°C

Receive Room Volume: 63.00 m³

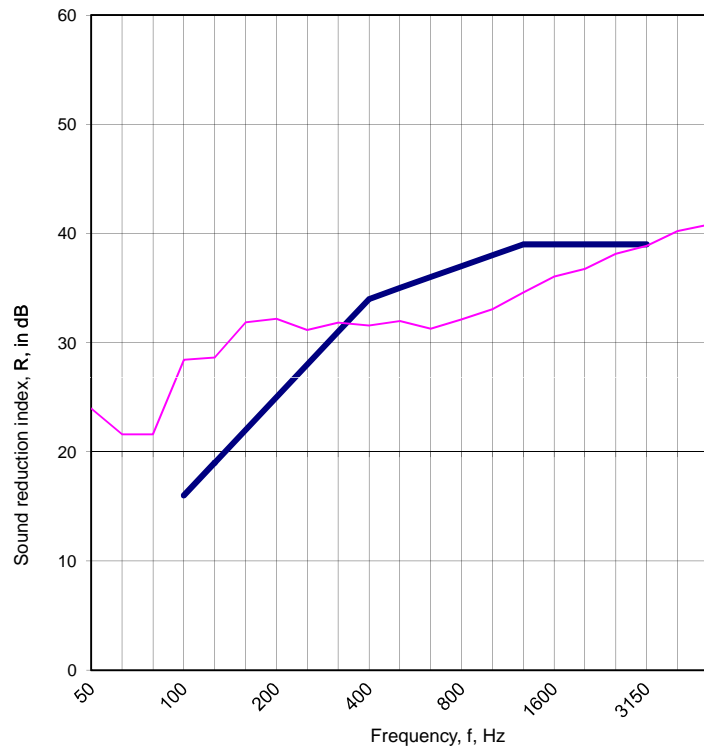
Static Pressure: 995240.0 Pa

Humidity in Test Rooms: 43.2 %

Test Specimen Description: 54mm Moralt Firesmoke (6mm MDF). Perimeter seals - NOR710 and NOR720, threshold seal - NOR810dB+. See section 2 for description of specimen

f, Hz	R, dB
50*	24.0
63*	21.6
80*	21.6
100	28.4
125	28.7
160	31.9
200	32.2
250	31.2
315	31.8
400	31.6
500	32.0
600	31.3
800	32.1
1000	33.1
1250	34.6
1600	36.0
2000	36.8
2500	38.1
3150	38.9
4000	40.2
5000	40.8
AAD	-30.6

Frequency range for rating in accordance with ISO 717-1



— Rating Curve (ISO 7171) — Sound Reduction Index, R, in dB

R_w = 35 dB	C _(50 3150) = 0 dB	C _{tr (50 3150)} = -3 dB
R _w +C = 35 dB	C _(50 5000) = 0dB	C _{tr (50 5000)} = -3 dB
R _w +C _{tr} = 33 dB	C _(100 5000) = 0dB	C _{tr (100 5000)} = -2 dB



Martin Durham
Technical Officer

* indicates that the frequency is outside of our UKAS accreditation and is for information only

The legal validity of this report can only be claimed on presentation of the complete report

