

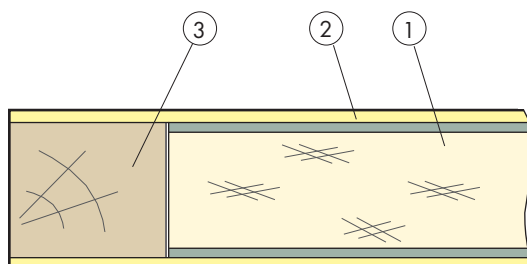
Construction of the test specimen:

Door leaf 900 x 2010 x 54,5 mm

1 : 3mm HDF/ 38 VL/ 3mm HDF glued

2 : HDF 5 mm

3 : Hardwood 45 mm

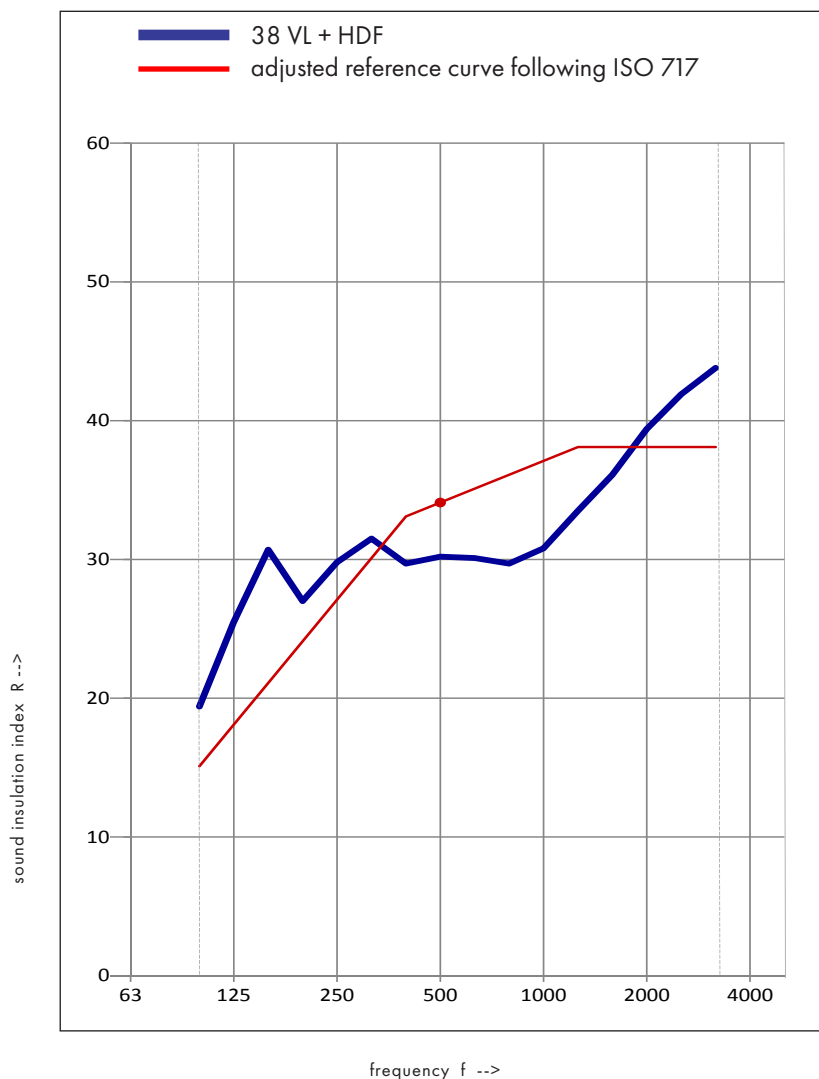
Test opening: 2,00 m²Weight of test specimen: 36,2 kg/m²

Temperature [°C]: 18

Humidity [%]: 56

Source room volumes: 72 m³Receiver room volumes: 70 m³

frequency [Hz]	R [dB]
50	..
63	..
80	..
100	19,4
125	25,5
160	30,7
200	27,0
250	29,8
315	31,5
400	29,7
500	30,2
630	30,1
800	29,7
1000	30,8
1250	33,5
1600	36,1
2000	39,4
2500	41,9
3150	43,8
4000	45,6
5000	46,7



Airborne sound

insulation $R_{WY}(C, C_{tr}) = 34,1 (-1,1; -3,2)$ dB

C50_3150: --- C50_5000: --- C100_5000: -0,1 dB

Ctr50_3150: --- Ctr50_5000: --- Ctr100_5000: -3,2 dB