

Door	Core		Skin	Results		
Thickness	Type	Kind		Fire	Sound	Weight

Lightweight acoustic door

40 mm	33 SRF	Sandwich	3mm HDF		33 dB	12,8 kg/m ²
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Acoustic door (>32 dB)

34 mm	28 S3	Sandwich	3mm HDF		39 dB	21,0 kg/m ²
40 mm	33 VV	Solid board	3mm HDF		34 dB	27,0 kg/m ²
40 mm	33 S2	Sandwich	3mm HDF		36 dB	25,9 kg/m ²
40 mm	33 S3	Sandwich	3mm HDF		39 dB	26,0 kg/m ²
40 mm	33 S3K	Sandwich	3mm HDF		41 dB	24,0 kg/m ²
40 mm	33 S3G	Sandwich	3mm HDF		42 dB	24,0 kg/m ²
67 mm	58 S4G	Sandwich	4mm HDF		47 dB	40,7 kg/m ²
70 mm	60 SRK	Sandwich	4,5mm HDF		46 dB	36,7 kg/m ²

30' Fire and acoustic door

40 mm	33 VL	Solid board	3mm HDF	39 min	32 dB	21,1 kg/m ²
44 mm	38 S2	Sandwich	3mm HDF	31 min	37 dB	28,7 kg/m ²
44 mm	38 S3K	Sandwich	3mm HDF	39 min	42 dB	23,6 kg/m ²
45 mm	39 S3K	Sandwich	3mm HDF	39 min	42 dB	25,6 kg/m ²
54 mm	48 S4K	Sandwich	3mm HDF		44 dB	34,4 kg/m ²
55 mm	45 S3K	Sandwich	5mm HDF	39 min	42 dB	32,0 kg/m ²
60 mm	48 S4	Sandwich	2x3mm HDF		43 dB	37,0 kg/m ²

60' Fire and acoustic door

54 mm	42 VL	Solid board	5,8mm HDF	71 min	33 dB	30,6 kg/m ²
54 mm	42 VL	Solid board	5,8mm HDF	60 min	33 dB	30,6 kg/m ²
54 mm	38 VL+H	Solid board	5mm HDF	64 min	34 dB	31,0 kg/m ²
57 mm	45 S3D	Sandwich	6mm HDF	62 min	40 dB	32,9 kg/m ²