



Acoustic Calculation

Glass Configuration

6.76mm (33.2) LamiGlass (PVB)

18mm Cavity

4mm Float Glass

Glass Weight: 25.08kg/m²

Unit Thickness: 28.76mm

The acoustic performance data within this document is determined by calculation, based on factors derived from certified data. Due to inherent variations in acoustic performance when testing in accordance with EN ISO 140-3, some variation in the calculated performance can also be expected. As such, the weighted performance, R_w , and adaptation terms, C and C_{tr} , should typically be considered to be accurate within ± 2 dB. However, wider deviation can occur.

Sound Reduction Indices - dB

Frequency - Hertz					R_w	C	C_{tr}	OITC	STC
125	250	500	1000	2000	37	-2	-5	30	36
23	28	34	39	42					

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Acoustic Calculator Calculation

Glass Configuration

4mm Float Glass

20mm Cavity

4mm Float Glass

Glass Weight : 20.0kg/m²

Unit Thickness : 28mm

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Sound Reduction Indices - dB

Frequency - Hertz					R_w	C	C_{tr}
125	250	500	1000	2000	32	-1	-4
22	21	27	38	46			

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