



# Acoustic Calculator Calculation

## Glass Configuration

**6mm Float Glass**

14mm Cavity

**9.52mm (44.4) LamiGlass Sound Reduction**

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**Glass Weight : 35.16kg/m<sup>2</sup>**

**Unit Thickness : 29.52mm**

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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 deviations can occur.

## Sound Reduction Indices - dB

Frequency - Hertz					$R_w$	$C$	$C_{tr}$
125	250	500	1000	2000	40	-1	-6
26	29	38	46	46			

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