



# Acoustic Performance

## Glazing Configuration

4mm Float Glass

20mm Cavity

4mm Float Glass

## Sound Reduction Indices

| Frequency, Hz / dB |     |     |      |      |      | Rw | C  | Ctr | OITC | STC |
|--------------------|-----|-----|------|------|------|----|----|-----|------|-----|
| 125                | 250 | 500 | 1000 | 2000 | 4000 | 32 | -1 | -4  | 27   | 31  |
| 22                 | 21  | 27  | 38   | 46   | 25   |    |    |     |      |     |

Disclaimer: The acoustic performance data provided in the reports is based on a test protocol or an estimation and may be used if user actual glazing is identical to input data described herein. Acoustic performance data herein is only applicable for glazing dimensions 1,23 m x 1,48 m (as per testing standard). Estimation of acoustic performance is based on component-similarity assumptions which are derived from measured data and interpolation to expand the database of values from test protocols. Actual performance may vary according to the glazing dimensions, frame system, noise sources and many other parameters. The acoustic performance data herein should not be used as a substitute for tests of actual glazing. For more information please consult Assumptions and Terminology section in Guardian Acoustic Assistant.

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