

	Glass Market Ltd 147 McCleod Rd, Te Atatu, Auckland Standards: AS/NZS 2208, ISO 9001 Compliance with: CSI Product Assessment Scheme.	Doc ID: SP-04 Revision: 0 Revision Date: 6/03/2018 Effective Date: 6/03/2018 Page: 1 of 1
SPECIFICATION SOUND PERFORMANCE DATA OF GLASS CONFIGURATIONS		

1.0 Product Name

Glass Market, Laminated Safety Glass for use in buildings.

2.0 General Description

Laminated Safety Glazing has a critical role to play in reducing excessive noise to acceptable levels that can enhance a pleasant living and working environment.

The design professional's choice of high quality sound attenuating glass is influenced by:

- External noise sources
- Internal desired sound levels
- Thick glass configurations
- Asymmetric glass make-ups

For sound insulation performance, Glass Market offers a range of laminated glass combinations that incorporate standard clear and tinted PVB interlayers.

A measure for the sound insulation of glass is expressed as R_w , which is an average value measured in decibels (dB) that takes into account the sensitivity of the human ear to sound volumes, frequencies and pitch.

3.0 Intended Applications

Glass Market Laminated Safety Glass is used in architectural applications where safety is important against impact together with sound deadening attributes.

4.0 Indicative Sound Control Performance Data

LAMINATED GLASS	MAKE-UP	R_w
6.38mm PVB laminated	3mm/0.38mm/3mm	33
6.76mm PVB laminated	3mm/0.76mm/3mm	34
8.38mm PVB laminated	4mm/0.38mm/4mm	34
8.76mm PVB laminated	4mm/0.76mm/4mm	35
10.38mm PVB laminated	5mm/0.38mm/5mm	35
10.76mm PVB laminated	5mm/0.76mm/5mm	36
12.38mm PVB laminated	6mm/0.38mm/6mm	37
12.76mm PVB laminated	6mm/0.76mm/6mm	38

LAMINATED IGU	MAKE-UP	R_w
16.38mm IGU	6.38mm/6as/4mm	34
23.76mm IGU	6.76mm/12as/5mm	37
24.38mm IGU	6.38mm/12as/6mm	35
24.76mm IGU	8.76mm/12as/4mm	36
24.76mm IGU	6.76mm/12as/6mm	37
28.76mm IGU	10.76mm/12as/6mm	39