QLam Hush™

QLam Hush™ is a Grade A laminated safety glass produced by bonding two sheets of glass together using a specially developed acoustic interlayer. QLam Hush™ dampens noise providing enhanced sound insulation performance over ordinary glass.

Features

Noise Control
QLam Hush™ has a specially developed interlayer to dampen noise, providing enhanced sound insulation performance.

Safety & Security
QLam Hush™ has been tested to Grade A safety glass standards.

UV Protection
The PVB interlayer used in QLam Hush™ eliminates 99% of ultraviolet radiation.

Range of Tones
Colour options are available within the QLam Hush™ range.

Product Range

Clear	
Available Thickness (mm)	6.5, 8.5, 10.5, 12.5
Maximum Sheet Size (mm)	5100×3210

Grey	
Available Thickness (mm)	6.88, 10.88, 12.88
Maximum Sheet Size (mm)	5100×3210 (6.88mm), 3660×2440 (10.88 & 12.88mm)

Translucent	
Available Thickness (mm)	6.88, 10.88, 12.88
Maximum Sheet Size (mm)	3660×2440

Applications

Internal

Doors, Shop Front, Frameless Glazing, Partitions

External

Windows, Shop Front

Technical Data

Performance

Single Glazing

Product Name	Nominal Thickness	Visible			Solar		UV Trans.	U-Value	SHGC	Shading Co.	Weight m²
		Trans.	Refl. Out	Refl. In	Trans.	Refl.					
QLam Hush™ Clear	6.5	87	8	8	72	7	<1	5.7	0.78	0.9	15.5
QLam Hush™ Clear	8.5	87	8	8	70	7	<1	5.7	0.77	0.89	20.5
QLam Hush™ Clear	10.5	85	8	8	65	7	<1	5.6	0.74	0.84	25.5
QLam Hush™ Clear	12.5	85	8	8	64	6	<1	5.5	0.73	0.84	30.5
QLam Hush™ Grey	6.88	44	5	5	46	5	<1	5.7	0.61	0.71	15.9
QLam Hush™ Grey	10.88	43	5	5	41	5	<1	5.5	0.59	0.67	20.9
QLam Hush™ Grey	12.88	43	5	5	41	5	<1	5.5	0.58	0.67	30.9
QLam Hush™ Translucent	6.88	66	7	7	55	6	<1	5.7	0.67	0.77	15.9
QLam Hush™ Translucent	10.88	65	7	7	50	6	<1	5.5	0.64	0.74	20.9
QLam Hush™ Translucent	12.88	65	6	6	49	6	<1	5.5	0.64	0.73	30.9

Double Glazing

Product Name	Nominal Thickness	Visible			Solar		UV Trans.	U-Value		SHGC	Shading Co.	Weight m²
		Trans.	Refl. Out	Refl. In	Trans.	Refl.		Air	Argon			
QLam Hush™ Clear + QFloat™ Clear	6.5+12+6	77	15	15	57	11	<1	2.7	2.5	0.67	0.77	30.5
QLam Hush™ Clear + QFloat™ Clear	8.5+12+6	77	14	15	56	11	<1	2.7	2.5	0.66	0.76	35.5
QLam Hush™ Clear + QFloat™ Clear	10.5+12+6	76	14	15	5	10	<1	2.6	2.5	0.62	0.72	40.5
QLam Hush™ Clear + QFloat™ Clear	12.5+12+6	75	14	14	51	10	<1	2.6	2.5	0.62	0.71	45.5
QLam Hush™ Clear + EnergyTech™ Clear (#3)	6.5+12+6	72	17	16	49	13	<1	1.9	1.6	0.63	0.73	30.5
QLam Hush™ Clear + EnergyTech™ Clear (#3)	8.5+12+6	71	17	16	48	13	<1	1.9	1.6	0.62	0.71	35.5
QLam Hush™ Clear + EnergyTech™ Clear (#3)	10.5+12+6	70	16	16	45	12	<1	1.8	1.6	0.58	0.67	40.5
QLam Hush™ Grey + QFloat™ Clear	6.88+12+6	39	7	12	36	7	<1	2.7	2.5	0.49	0.56	30.8
QLam Hush™ Grey + EnergyTech™ Clear (#3)	6.88+12+6	36	8	14	30	8	<1	1.9	1.6	0.44	0.5	30.8
QLam Hush™ Translucent + QFloat™ Clear	6.88+12+6	59	10	13	44	8	<1	2.7	2.5	0.55	0.63	30.8
QLam Hush™ Translucent + EnergyTech™ Clear (#3)	6.88+12+6	54	12	15	38	9	<1	1.9	1.6	0.51	0.58	30.8

Considerations

Noise Control
To avoid noise leaks, you need to ensure that acoustic glass is installed in a frame that's well sealed and professionally fitted. If the frame isn't sealed properly then acoustic glass cannot work to its full potential.

How to Specify

Available colours and thicknesses:

Clear	6.5, 8.5, 10.5 & 12.5mm
Grey	6.88, 10.88 & 12.88mm
Translucent	6.88, 10.88 & 12.88mm

QLam Hush™ Acoustic Data	
Single Glazing	
Thickness (mm)	Rw
6.5	36
6.88	36
8.5	37
10.5	38
10.88	38
12.5	40
12.88	40

Insulated Glass Unit	
Make Up	Rw
4/12/6.5	37
6/12/6.5	39
6/16/6.5	41
8/12/6.5	42
8/12/8.5	43
10/12/8.5	44
10/12/12.5	46

Select from: Laminated.

*If unsure, select in compliance with AS1288–2021 or manufacturers recommendation. *

The glass shall comply with the following performance criteria:

U value
Solar Heat Gain Coefficient (SHGC)
Visible Light Transmission %
Glass Only Values
Total window

Toned Glass

Toned glass absorbs a proportion of solar radiation and may require a thermal assessment depending on application.

All glass is to be selected and installed in accordance but not exclusively with the following Australian and/or New Zealand Standards

- AS 1288 Glass in Buildings Selection and Installation
- AS 1170 Minimum Wind Loads on Structures
- AS/NZ 2208 Safety Glazing Materials in Buildings
- AS/NZ 4666 Insulating Glass Units
- AS/NZ 4667 Quality Requirements for cut-to-size and Processed Glass

Oceania Glass makes and distributes glass. Oceania Glass does not process glass nor produce Insulated Glass Units. Processing of glass and production of Insulated Glass Units is undertaken by independent processors. Speak with your nominated glass processors to understand their processing capability.