

# 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

Shop Front, Frameless Glazing, Partitions

## External

Windows, Shop Front, Frameless Glazing

# Technical Data

## Performance

### Single Glazing

Product Name	Nominal Thickness	Visible			Solar		UV Trans.	U-Value	SHGC	Shading Co.	Weight m <sup>2</sup>
		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	U-Value		SHGC	Shading Co.	Weight m <sup>2</sup>
		Trans.	Refl. Out	Refl. In	Trans.	Refl.	Trans.	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:

<b>Clear</b>	6.5, 8.5, 10.5 & 12.5mm
<b>Grey</b>	6.88, 10.88 & 12.88mm
<b>Translucent</b>	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.