

# ComfortHush™

ComfortHush™ is a range of locally produced acoustic performance laminates incorporating a special 3 ply acoustic PVB interlayer designed to reduce sound transmission and also features a Low E coated component to provide improved thermal insulation performance. ComfortHush™ is a Grade A laminated Safety Glass.

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## Features



### Noise Control

The 3-layered acoustic interlayer laminate is specially designed to dampen noise and limit vibrations.



### Energy Efficiency

ComfortHush™ can keep the temperature of your room controlled, lowering your energy consumption and reducing the need for additional heating and cooling.



### Low E Coating

Coating is applied that allows natural light through without emitting radiant heat, maximising light and energy efficiency.



### Laminated

The ComfortHush™ range has a laminated layer that contributes towards making the range a Grade A safety glass as standard.



### Safety & Security

Our Products have been tested to Grade A safety glass protection.



### UV Protection

The PVB interlayer used in ComfortHush™ eliminates 99% of ultraviolet radiation.



### Range of Tones

Colour options are available within the ComfortHush™ range.



### Climate

ComfortHush™ is designed with a consideration for mixed and warmer climates or where mid-range solar control and insulation are desired.

# Product Range

## Clear

Available Thickness (mm)	6.5, 10.5
Maximum Sheet Size (mm)	5100×3210 (6.5mm), 3660×2440 (10.5mm)

## Neutral

Available Thickness (mm)	6.5, 10.5
Maximum Sheet Size (mm)	3660×2440

## Grey

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

## Translucent

Available Thickness (mm)	6.88
Maximum Sheet Size (mm)	3660×2440

# Applications

### External

Doors, Windows, Shop Front

# 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.	Air	Argon				
ComfortHush™ Clear (#4)	6.5	81	11	11	62	9	<1	3.6	0.67	0.77	15.5	
ComfortHush™ Clear (#4)	10.5	80	10	11	57	8	<1	3.6	0.64	0.74	25.5	
ComfortHush™ Neutral (#4)	6.5	60	8	10	42	7	<1	3.6	0.52	0.59	15.5	
ComfortHush™ Neutral (#4)	10.5	59	8	10	39	7	<1	3.6	0.49	0.57	25.5	
ComfortHush™ Grey (#4)	6.88	41	6	9	39	6	<1	3.6	0.5	0.58	15.9	
ComfortHush™ Grey (#4)	10.88	40	6	9	36	6	<1	3.5	0.48	0.55	25.9	
ComfortHush™ Translucent (#4)	6.88	62	8	10	48	7	<1	3.6	0.57	0.65	15.9	

### Double 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.	Air	Argon				
ComfortHush™ Clear (#4) + QFloat™ Clear	6.5+12+6	72	16	17	50	12	<1	1.9	1.6	0.59	0.68	30.5
ComfortHush™ Clear (#4) + QFloat™ Clear	10.5+12+6	71	15	17	46	11	<1	1.9	1.6	0.55	0.64	40.5
ComfortHush™ Neutral (#4) + QFloat™ Clear	6.5+12+5	53	11	16	34	9	<1	1.9	1.6	0.43	0.49	30.5
ComfortHush™ Neutral (#4) + QFloat™ Clear	10.5+12+6	53	11	16	31	8	<1	1.9	1.6	0.4	0.46	40.5
ComfortHush™ Grey (#4) + QFloat™ Clear	6.88+12+6	36	7	15	31	8	<1	1.9	1.6	0.41	0.47	30.9
ComfortHush™ Grey (#4) + QFloat™ Clear	10.88+12+6	36	7	15	28	7	<1	1.9	1.6	0.38	0.44	40.9
ComfortHush™ Translucent (#4) + QFloat™ Clear	6.88+12+6	55	11	16	38	9	<1	1.9	1.6	0.48	0.55	30.9
(#4) + QFloat™ Clear	+12+6	54	11	16	36	8	<1	1.9	1.6	0.45	0.52	40.9

## Considerations

### Acoustic Control

To avoid noise leaks, you need to ensure that ComfortHush™ is installed in a frame that's well-sealed and professionally fitted. If the frame isn't sealed properly then ComfortHush™ can't work to its full potential.

### Glazing

ComfortHush when single glazed, must be glazed with the exposed coating to the inside of the building (surface #4).

### Glass

Under certain light conditions, a haze effect can be seen in the glass.

### Glass Processing

Exposed edges should be protected from moisture ingress.

### Large Projects

Oceania Glass recommends that for large glazing facades (particularly curtain wall) the customer should highlight this in writing to enable consideration of colour management of supplied product.

## How to Specify

Available colours and thicknesses:

<b>Clear</b>	6.5 & 10.5mm
<b>Neutral</b>	6.5 & 10.5mm
<b>Grey</b>	6.88 & 10.88mm
<b>Translucent</b>	6.88mm

<b>ComfortHush™ Acoustic Data</b>	
<b>Single Glazing</b>	
Thickness (mm)	Rw
6.5	36
6.88	36
10.5	38
10.88	38
12.5	40

<b>Insulated Glass Unit</b>	
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

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### **Toned Glass**

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

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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.