



AUSTRALIA'S ARCHITECTURAL GLASS MAKER

**ComfortHushTM
QLam HushTM**

Made for urban living

Acoustic Solutions

Acoustic comfort has a major impact on the way we experience a space. In our increasingly urbanised world, it's seldom possible to stop unwanted noise at the source. Instead, the task of blocking it out falls to the materials with which our homes, offices and public buildings are built.

Regrettably, many buildings still use ordinary glass, allowing an easy path for noise intrusion. The range of Genuine Hush™ acoustic performance glass from Oceania Glass™ is the proven, superior alternative to reduce unwanted noise. Available in a range of solar, thermal, colour, and privacy options, Genuine Hush can be single glazed or combined in double glazing.

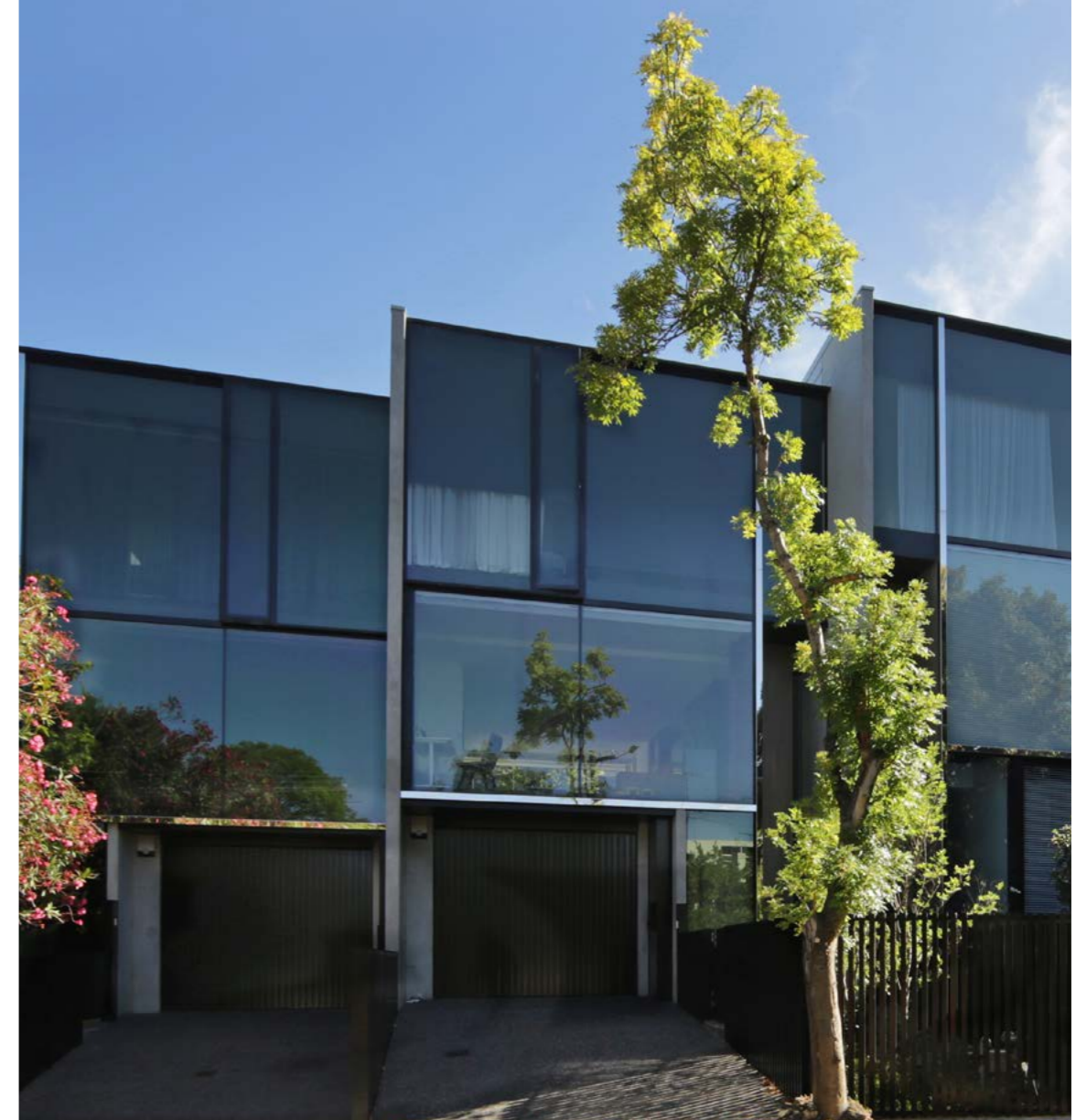
Single glazing Noise Reduction

6.5mm QLam Hush and ComfortHush reduce noise by 29% when compared to 4mm standard glass.†

Double glazing Noise Reduction

When incorporated into a double glazed unit configuration of 6mm/16mm gap/6.5mm, QLam Hush and ComfortHush reduce noise by 50% when compared to 4mm standard glass.†

†This double glazed unit is a standard configuration and has a Rw of 41. Alternative double glazed configurations are possible to accommodate units into frames with smaller glazing pockets. Greater noise reduction is possible by selecting an alternative double glazed unit. Please visit our website at www.oceaniaglass.com.au for more information. The acoustic comparisons and Rw values are based on glass only and may differ depending on the frame used.



Two Quiet Achievers

Two distinct yet complementary products comprise the comprehensive Genuine Hush acoustic performance range – QLam Hush and ComfortHush. Suited to a wide range of applications and available in a choice of colours, both are engineered to offer peace and quiet while preserving views of the world outside.

QLam Hush provides enhanced protection from UV light, helping protect your interior furnishings from fading. ComfortHush additionally includes a Low E coating to provide enhanced thermal insulation for greater energy efficiency performance.



A solution for every application

From residential homes on busy roads or schools in urban areas to the largest commercial buildings and airports, QLam Hush and ComfortHush give you premium acoustic design options for diverse applications.



Decibel Scale

The nature of the decibel scale illustrates how a small variation in decibels equates to a large variation in what we hear.



QLam Hush™

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QLam Hush uses a specifically developed acoustic interlayer that targets sounds in the high frequency range – the most sensitive range of human hearing.

This level of sound reduction would normally demand a much thicker, far heavier product.

Oceania Glass' acoustic interlayer is the key. Intentionally formulated to absorb sound, it creates a bonding interlayer between two sheets of glass, resulting in a light yet highly effective acoustic laminated glass.

Strong, safe and durable.

Tested and certified to Grade A Safety Glass standards, QLam Hush can be used with absolute confidence in a wide range of internal partition and external window applications.

Not only is QLam Hush a highly effective sound insulator, but it can also be incorporated into a double glazed unit for additional acoustic, solar, and thermal performance options.



QLam Hush™ Range

Applications:

Partitions
Shop Fronts
Windows
Doors

QLam Hush Clear

Thickness (mm)	Maximum Sheet Size Limit*
6.5	5100 x 3210
8.5	3660 x 2440
10.5	3660 x 2440
12.5	5100 x 3210



QLam Hush Grey

Thickness (mm)	Maximum Sheet Size Limit*
6.88	5100 x 3210
10.88	3660 x 2440
12.88	3660 x 2400

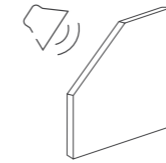


QLam Hush Translucent

Thickness (mm)	Maximum Sheet Size Limit*
6.88	3660 x 2440
10.88	3660 x 2440
12.88	3660 x 2440



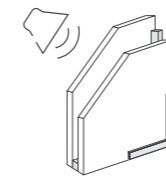
ACOUSTIC, THERMAL AND SOLAR PERFORMANCE DATA



QLam Hush Single Glazing

U Value and SHGC values are for glass only

Colour	Thickness (mm)	Rw	U Value	SHGC
Clear	6.5	36	5.7	0.78
Clear	8.5	37	5.7	0.81
Clear	10.5	38	5.6	0.73
Clear	12.5	40	5.5	0.73
Grey	6.88	36	5.7	0.61
Grey	10.88	38	5.5	0.58
Grey	12.88	40	5.5	0.58
Translucent	6.88	36	5.7	0.67
Translucent	10.88	38	5.5	0.64
Translucent	12.88	40	5.5	0.63



QLam Hush Double Glazing

U Value and SHGC values are for glass only

U Value is for argon filled gap

Colour	Make Up (mm)	Rw	U Value	SHGC
Clear	6.5/12/6	39	2.5	0.67
Clear	8.5/16/8	44	2.5	0.68
Clear	10.5/16/8	45	2.5	0.61
Clear	12.5/12/8	46	2.5	0.60
Grey	6.88/12/6	39	2.5	0.49
Grey	10.88/16/8	45	2.5	0.44
Grey	12.88/12/8	46	2.5	0.44
Translucent	6.88/12/6	39	2.5	0.55
Translucent	10.88/16/8	45	2.5	0.51
Translucent	12.88/12/8	46	2.5	0.50

Definitions

Rw	Weighted Sound Reduction Index. It is a number used to rate the effectiveness of the glass as a noise insulator and is measured in decibels (dB). It also takes into consideration a correction factor for the response of the human ear.
U Value	Measurement unit is watts per m2 per degree Celsius (W/m2°C) and is a measure of the rate of heat gain or loss through glazing due to environmental differences between outdoor and indoor air.
SHGC	Solar Heat Gain Coefficient. The proportion of solar radiation that is transferred through the glass at normal incidence. It comprises the direct solar transmission and the part of the solar absorption dissipated inwards by radiation and convection. The lower the number, the better the solar performance.

Windows and doors must also use the correct framing and be firmly sealed to prevent noise passing through. A full assessment of the entire building is required in order to develop an appropriate acoustic solution.

ComfortHush™

ComfortHush is a laminate comprised of two glass outer layers bonded to an acoustic interlayer. Unlike QLam Hush it also includes a Low E coating to provide up to 39% better thermal insulation than ordinary glass. It keeps your home or building cooler in summer and warmer in winter.

Tested and certified to Grade A Safety Glass standards, ComfortHush can be used in external window applications. ComfortHush adds tranquillity, thermal and acoustic comfort and improved energy efficiency to your urban lifestyle.

Beat the heat

The Low E coating applied to ComfortHush allows light to pass through without emitting radiant heat, maximising natural illumination and energy efficiency.

ComfortHush doesn't just put big ticks in the acoustic and thermal comfort boxes; it also helps protect your interior furnishings from fading by eliminating 99% of Ultra Violet (UV) light.



ComfortHush™ Range

Applications:

Shop Fronts
Windows
Doors

ComfortHush Clear

Thickness (mm)	Maximum Sheet Size Limit*
6.5	3660 x 2440
10.5	3660 x 2440



ComfortHush Neutral

Thickness (mm)	Maximum Sheet Size Limit*
6.5	3660 x 2440
10.5	3660 x 2440



ComfortHush Grey

Thickness (mm)	Maximum Sheet Size Limit*
6.88	3660 x 2440
10.88	3660 x 2440

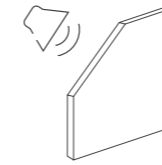


ComfortHush Translucent

Thickness (mm)	Maximum Sheet Size Limit*
6.88	3660 x 2440
10.88	3660 x 2440



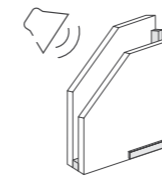
ACOUSTIC, THERMAL AND SOLAR PERFORMANCE DATA



ComfortHush Single Glazing

U Value and SHGC values
are for glass only

Colour	Thickness (mm)	Rw	U Value	SHGC
Clear	6.5	36	3.6	0.67
Clear	10.5	38	3.6	0.64
Neutral	6.5	36	3.6	0.52
Neutral	10.5	38	3.6	0.49
Grey	6.88	36	3.6	0.50
Grey	10.88	38	3.5	0.48
Translucent	6.88	36	3.6	0.57
Translucent	10.88	38	3.5	0.54



ComfortHush Double Glazing

U Value and SHGC values
are for glass only

Colour	Make Up (mm)	Rw	U Value	SHGC
Clear	6.5/12/6	39	1.6	0.59
Clear	10.5/16/8	45	1.7	0.55
Neutral	6.5/12/6	39	1.6	0.43
Neutral	10.5/16/8	45	1.7	0.40
Grey	6.88/12/6	39	1.6	0.41
Grey	10.88/16/8	45	1.7	0.38
Translucent	6.88/12/6	39	1.6	0.48
Translucent	10.88/16/8	45	1.7	0.44

U Value is for
argon filled gap

Definitions

Rw	Weighted Sound Reduction Index. It is a number used to rate the effectiveness of the glass as a noise insulator and is measured in decibels (dB). It also takes into consideration a correction factor for the response of the human ear.
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Windows and doors must also use the correct framing and be firmly sealed to prevent noise passing through. A full assessment of the entire building is required in order to develop an appropriate acoustic solution.

About Oceania Glass™

Australian, Local, Simple.

Just like you, Australia is our home too.

Oceania Glass offers customers comprehensive glass solutions through an extensive supply network across Australia and New Zealand. We sold our very first glass in 1856 and are the only architectural glass maker in Australasia. We make, manufacture and market Australia's leading glass brands for; Australian glass processors, architects, designers and for the community we live in. Brands you know and trust to meet the needs of the Australian market.

Our products are manufactured locally or carefully sourced from overseas to ensure they comply with Australian Standards. We are committed to creating a sustainable business and are ISO 9001 Environmental Management System and ISO 140001 Quality Management System certified.

By partnering with Oceania Glass, you have access to personalised Account Management, excellent Customer Service and Architectural Specification advice and support.





MAKING IT EASIER TO TELL YOU HAVE GENUINE HUSH™

Insist on using Genuine Hush

Genuine Hush is Australia's leading brand of acoustic glass. Genuine Hush is highly specified and made exclusively by Oceania Glass. Genuine Hush offers a range of quality-performance acoustic glass that has been tested and certified. The Genuine Hush range comprises of ComfortHush and QLam Hush.

Our Genuine Hush Program makes it easier to identify and be confident you have received Genuine Hush products made by Oceania Glass.

www.oceaniaglass.com.au

For more information, please visit www.oceaniaglass.com.au or call our technical support at 1800 810 403 from 9am - 3pm Monday to Friday.

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