PERFORMANCE DATA ACOUSTIC GLAZING

Acoustic Glass

Walshs Acoustic Laminate range is a proven, superior alternative to standard glazing. Acoustic Laminate can be used in a wide range of internal and external applications; it can also be incorporated into a double glazed unit for increased thermal properties.

PRODUCT NAME	NOMINAL THICKNESS	VISIBLE		SOLAR		UV TRANS	U VALUE	SHGC	SHADING CO.	RW
		Trans	Refl.	Trans	Refl.					
Viridian VLam Hush										
Clear (#4)	6.5	87	8	72	7	<1	5.7	0.78	0.90	36
	10.5	87	8	70	7	<1	5.6	0.77	0.89	39
	12.5	87	8	69	7	<1	5.5	0.76	0.88	40
Viridian ComfortHush										
Clear (#4)	6.50	82	10	64	9	<1	3.6	0.68	0.79	36
Neutral (#4)	6.50	59	7	42	7	<1	3.6	0.51	0.60	36

PRODUCT NAME	NOMINAL THICKNESS	VISIBLE		SOLAR		UV TRANS	U VALUE		SHGC	SHADING CO.	RW
		Trans	Refl.	Trans	Refl.		Air	Argon			
Viridian ComfortHush											
Clear (#2)	6.5+12+6	68	18	45	14	<1	1.7	1.5	0.58	0.66	38
Neutral (#2)	6.5+12+6	49	13	30	9	<1	1.7	1.5	0.40	0.46	38

This data is measured using glass only and all care should be taken when evaluating our published data that the same environmental conditions have been used.

For the most up-to-date information, please visit our website.

All performance data is calculated using LBL Windows 5.2 software. NFRC 100-2001 conditions have been used.
Product Name – Where # appears, i.e. (#2), this identifies the position of the coated surface of the glass. Glass surfaces are counted from the exterior to the interior of the building.

COMMON SOUND LEVELS		RECOMMENDED INTERIOR NOISE LEVELS	
Environment	dB		dB
Threshold of hearing	0	Bedroom	30–40
Conversational speech	65	Classroom	35–40
Average traffic (kerbside)	70	Living Room	40–45
Busy traffic	75	Private office	40–45
Loud traffic	80	Open office	45+50
Live band (20 metres)	105		

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WALSHSGLASS
THE GLASS SPECIALIST

Understanding these Chats

PRODUCT NAME	For more information on individual products ask your Walshs Sales Consultant.
NOMINAL THICKNESS	Identifies the glass thickness.
VISIBLE LIGHT TRANSMISSION	The percentage of visible light that passes directly through the glass. The higher the percentage, the more daylight gets through.
VISIBLE LIGHT REFLECTION	The percentage of visible light reflected toward the exterior.
SOLAR TRANSMISSION	The percentage of normal incident visible light and solar energy that passes directly through the glazing.
SOLAR REFLECTION	The percentage of normal incident visible light and solar energy reflected toward the exterior.
UV TRANSMISSION	The percentage of UV light transmitted measured in the light range of wave lengths shorter than 380 nanometres. A lower number is better.
U VALUE	The measure of the rate of heat gain or loss through glazing caused by environmental differences between indoor and outdoor air. The lower the value the better the insulation.
SHADING COEFFICIENT	The ratio of solar heat gain through glass relative to that through 3mm clear glass. A lower number indicates a better performance.
SHGC (SOLAR HEAT GAIN COEFFICIENT)	The proportion of total solar radiation that is transferred through glass in normal circumstances. A lower number indicates a better performance.

When you need to choose the right products the choice is clear

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