

# Walshs Insulated Glass Units (IGU) Technical Guide

## Understanding this guide

<b>Nominal Thickness</b>	Identifies the glass thickness. For double-glazed products, the first and last numbers is the thickness of each glass panel, and the middle number is the width of the gap in-between.
<b>Visible Light Transmission</b>	The percentage of visible light that passes directly through the glass. The higher the percentage, the more daylight gets through.
<b>Visible Light Reflection</b>	The percentage of visible light reflected toward the exterior.
<b>Solar Transmission</b>	The percentage of normal incident visible light and solar energy that passes directly through the glazing.
<b>Solar Reflection</b>	The percentage of normal incident visible light and solar energy reflected toward the exterior.
<b>UV Transmission</b>	The percentage of UV light transmitted measured in the light range of wave lengths shorter than 380 nanometres. A lower number is better.
<b>U Value</b>	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.
<b>SHGC – Solar Heat Gain Coefficient</b>	The proportion of total solar radiation that is transferred through glass in normal circumstances. A lower number indicates a better performance.
<b>Shading Coefficient</b>	The ratio of solar heat gain through glass relative to that through 3mm clear glass. A lower number indicates a better performance.
<b>RW – Weighted Sound Reduction Index</b>	Used to measure the effectiveness of the glass as a noise insulator. Measured in decibels (db) the higher the RW value, the greater the reduction in noise.
<b>Coated surface position ie: (#2)</b>	Where # appears next to a product name, 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.

# Acoustic Glass

A proven, superior alternative to standard glazing – Walshs Glass' Acoustic Laminate can be used across a wide range of internal and external applications, and in environments where external noise can be problematic such as homes, offices, and hospitals. It can also be incorporated into double-glazed units for increased thermal properties, improving energy efficiency.

Product Name	Nominal Thickness mm	Visible Light		Solar Energy		UV Trans. %	U Value	SHGC	RW	
		Trans. %	Reflect Out %	Trans. %	Reflect Out %					
Clear	6.5	87	8	72	7	<1	5.7	0.78	36	
	10.5	87	8	70	7	<1	5.6	0.77	39	
	12.5	87	8	69	7	<1	5.5	0.76	40	
Grey	6.88	42	5	45	5	<1	5.7	0.61	36	
	10.88	41	5	42	5	<1	5.5	0.58	39	
	12.88	41	5	40	5	<1	5.5	0.58	40	
Translucent	6.88	68	7	58	6	<1	5.7	0.69	36	
	10.88	66	7	53	6	<1	5.5	0.66	39	
	12.88	66	7	52	6	<1	5.5	0.65	40	
Clear	6.5	81	11	62	9	<1	3.6	0.67	36	
	10.5	80	10	57	9	<1	3.6	0.64	39	
Neutral	6.5	60	8	42	7	<1	3.6	0.52	36	
	10.5	59	8	38	7	<1	3.6	0.49	39	
Grey	6.88	39	6	39	6	<1	3.6	0.50	36	
	10.88	38	6	35	6	<1	3.5	0.47	39	
Translucent	6.88	63	8	51	7	<1	3.6	0.59	36	
	10.88	62	8	46	7	<1	3.6	0.56	39	
Double Glazed							Argon			
Clear (#2)	6.5+12+6	67	18	44	14	<1	1.5	0.57	38	
	10.5+12+6	66	18	41	12	<1	1.5	0.53	41	
Neutral (#2)	6.5+12+6	49	12	31	9	<1	1.5	0.41	38	
	10.5+12+6	49	12	28	9	<1	1.5	0.38	41	
Grey (#2)	6.88+12+6	32	8	27	8	<1	1.5	0.38	38	
	10.88+12+6	31	8	24	7	<1	1.5	0.36	41	
Translucent (#2)	6.88+12+6	52	13	36	10	<1	1.5	0.48	38	
	10.8+12+6	51	12	33	10	<1	1.5	0.45	41	

Common Sound Levels		Recommended Interior Noise Levels	
Environment	dB	Environment	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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# Clear & Toned Single Glazing

Walshs provides a complete range of Clear and Toned single glazed products for all types of residential and commercial applications. As a clear building material, glass has the distinct advantage of bringing natural light and heat into a space, significantly improving comfort levels and visibility. However, when discretion or reduced light is needed – such as bathrooms, office spaces or living areas – our Toned or tinted glass option is an ideal choice.

Product Name	Nominal Thickness mm	Visible Light		Solar Energy		UV Trans. %	U Value	SHGC	Shading Co.	RW	
		Trans. %	Reflect Out %	Trans. %	Reflect Out %						
<b>Float</b>											
Clear	3	89	8	83	8	69	5.9	0.85	0.98	30	
	4	89	8	82	8	67	5.9	0.85	0.98	31	
	5	88	8	79	7	63	5.9	0.83	0.95	32	
	6	88	8	78	7	60	5.8	0.82	0.95	32	
	8	86	8	71	7	56	5.7	0.77	0.89	34	
	10	85	8	67	7	52	5.7	0.75	0.86	36	
	12	84	8	64	7	48	5.6	0.72	0.84	37	
	15	82	7	59	6	45	5.5	0.70	0.81	37	
Grey	19	80	7	55	6	41	5.4	0.67	0.78	40	
	4	56	6	55	6	30	5.9	0.66	0.77	31	
	5	47	6	47	5	23	5.8	0.61	0.71	32	
	6	42	5	42	5	19	5.8	0.58	0.67	32	
Green	10	27	5	31	5	12	5.7	0.51	0.59	36	
	12	21	4	25	5	9	5.6	0.47	0.55	37	
	4	82	8	58	6	38	5.9	0.68	0.79	31	
	5	79	7	51	6	32	5.9	0.63	0.74	32	
Bronze	6	77	7	47	5	27	5.8	0.61	0.71	32	
	10	63	6	29	5	11	5.7	0.49	0.57	36	
	4	61	7	60	6	28	5.9	0.70	0.81	31	
	5	54	6	52	6	22	5.9	0.64	0.74	32	
Laminate	6	49	6	48	5	19	5.8	0.62	0.71	32	
	10	34	5	36	5	9	5.7	0.54	0.63	36	
	Clear	6.38	87	8	72	7	<1	5.7	0.78	0.90	33
		6.76	86	8	71	7	<1	5.7	0.78	0.90	33
8.38		87	8	72	7	<1	5.7	0.78	0.90	34	
10.38		86	8	66	7	<1	5.6	0.74	0.85	36	
12.38		85	8	65	7	<1	5.6	0.74	0.85	37	
Grey	6.38	42	5	47	6	<1	5.7	0.61	0.71	33	
	8.38	41	5	46	5	<1	5.7	0.61	0.71	34	
	10.38	41	5	42	5	<1	5.6	0.59	0.67	36	
	12.38	41	5	41	5	<1	5.6	0.58	0.67	37	
Bronze	6.38	52	6	51	6	<1	5.7	0.64	0.74	33	
	8.38	52	6	50	6	<1	5.7	0.64	0.74	34	
	10.38	51	6	46	5	<1	5.7	0.61	0.70	36	
	12.38	51	6	45	5	<1	5.6	0.61	0.70	37	
Green	6.38	71	7	63	6	<1	5.7	0.72	0.83	33	
	8.38	71	7	62	6	<1	5.7	0.72	0.83	34	
	10.38	70	7	57	6	<1	5.6	0.69	0.79	36	
	12.38	69	7	56	6	<1	5.6	0.68	0.78	37	
Translucent	6.38	66	7	56	6	<1	5.7	0.67	0.78	33	
	8.38	66	7	55	6	<1	5.7	0.67	0.77	34	
	10.38	64	7	51	6	<1	5.6	0.64	0.74	36	
	12.38	64	6	50	6	<1	5.6	0.64	0.73	37	
<b>Low Iron</b>											
Clear	6	91	8	89	8	84	5.8	0.90	1.03	32	
	10	90	8	87	8	81	5.7	0.89	1.02	36	
<b>High Performance Tones</b>											
Evergreen	6	66	8	33	6	14	5.8	0.60	0.51	32	
Super Green	6	67	6	34	5	13	5.8	0.52	0.61	32	
Dark Grey	6	9	4	8	4	1	5.7	0.41	0.35	32	
Super Grey	6	9	4	8	4	1	5.8	0.35	0.41	32	
Super Blue	6	53	6	33	5	20	5.8	0.52	0.60	32	

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# Low-E Single Glazing

Walshs Glass provides a complete range of energy efficient performance glass products for all types of Residential and Commercial applications. Choosing the right 'performance glazing' can control how much heat escapes or enters the building and also manage noise levels.

Glass has the advantage of being able to provide natural light and heat. Walshs Glass offer a large range of products that have been developed to improve comfort levels and energy efficiency.

With the increase in building regulations, the focus on energy efficiency and our carbon footprint, means high performance glass has become more important than ever before.

Product Name	Nominal Thickness mm	Visible Light		Solar Energy		UV Trans. %	U Value	SHGC	Shading Co.	RW
		Trans. %	Reflect Out %	Trans. %	Reflect Out %					
<b>Sunergy Float</b>										
Neutral (#2)	4	69	9	54	10	49	4.2	0.59	0.61	31
	6	68	9	52	10	46	4.0	0.59	0.59	32
	10	66	8	48	9	40	3.9	0.56	0.57	36
Grey (#2)	6	33	5	29	6	13	4.0	0.37	0.43	32
<b>Viridian EnergyTech</b>										
Clear (#2)	4	83	11	68	11	54	3.7	0.72	0.83	31
	6	81	11	65	10	48	3.6	0.69	0.80	32
	10	79	11	60	9	43	3.6	0.65	0.76	36
Grey (#2)	4	50	7	45	7	21	3.7	0.53	0.62	31
	6	40	6	37	7	16	3.7	0.47	0.55	32
<b>Viridian SolTech</b>										
Neutral (#2)	4	61	8	46	8	44	3.7	0.53	0.62	31
	6	63	9	45	8	41	3.7	0.53	0.62	32
	10	62	8	43	8	39	3.6	0.53	0.59	36
Grey (#2)	6	30	5	23	6	13	3.7	0.36	0.42	32
<b>Viridian Everage</b>										
Clear (#2)	6	68	23	59	17	30	3.8	0.63	0.73	32
Grey (#2)	6	32	10	29	8	10	3.8	0.42	0.48	32
Bronze (#2)	6	38	11	35	10	11	3.8	0.46	0.53	32
SuperBlue (#2)	6	39	12	23	8	10	3.8	0.37	0.43	32
SuperGreen (#2)	6	49	16	24	9	8	3.8	0.38	0.43	32
<b>Viridian ComfortPlus</b>										
Neutral 59 (#4)	6.38	59	7	42	7	<1	3.6	0.51	0.60	33
	10.38	62	8	40	7	<1	3.6	0.49	0.58	36
	12.38	61	8	39	7	<1	3.5	0.49	0.57	37
Grey 40 (#4)	6.38	39	6	40	7	<1	3.6	0.50	0.58	33
	10.38	38	6	36	6	<1	3.6	0.47	0.54	36
	12.38	38	6	34	6	<1	3.5	0.45	0.53	37
Clear 82 (#4)	6.38	82	10	64	9	<1	3.6	0.68	0.79	33
	10.38	79	11	58	9	<1	3.6	0.64	0.74	36
	12.38	79	10	55	8	<1	3.5	0.62	0.72	37
Translucent (#4)	6.38	62	8	48	7	<1	3.6	0.56	0.65	33
	10.38	60	8	44	7	<1	3.6	0.53	0.62	36

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# TwinSeal™ Performance

Manufactured inhouse using a hard coat Low E glass, Walshs TwinSeal Performance Double Glazing Units (DGUs) can be partnered with a broad range of glass types to enable you to choose a balance that best suits your performance requirements.

Walshs TwinSeal™ Performance DGUs can provide significant benefits to a building including improved acoustic performance, safety, comfort, and a noticeable reduction in energy costs. With the increase in building regulations, the focus on energy efficiency and our carbon footprint means high performance DGUs have become more important than ever before – making Walshs TwinSeal™ Performance the ideal choice when considering performance glass for your next project.

Product Name	Nominal Thickness mm	Visible Light		Solar Energy		UV Trans. %	U Value		SHGC	Shading Co.	RW
		Trans. %	Refl. %	Trans. %	Refl. %		Air	Argon			
<b>Sunergy Float</b>											
Clear (#2)	4+12+6	61	12	44	12	39	2.1	1.9	0.61	0.53	31
	6+12+6	60	12	41	11	34	2.1	1.8	0.50	0.59	33
	10+12+6	55	12	40	11	33	2.1	1.9	0.56	0.49	38
Grey (#2)	6+12+6	30	–	–	–	–	–	1.8	0.32	–	33
<b>Viridian EnergyTech</b>											
Clear (#2)	4+12+4	75	17	57	15	41	1.9	1.6	0.64	0.74	31
	6+12+6	73	16	52	14	36	1.9	1.6	0.62	0.71	33
	8+12+6	72	16	52	13	36	1.9	1.6	0.62	0.68	35
	10+12+6	71	16	48	12	32	1.9	1.6	0.58	0.66	38
Grey (#2)	4+12+4	45	9	38	9	18	1.9	1.6	0.46	0.53	31
	6+12+6	35	8	29	8	13	1.9	1.6	0.39	0.45	33
<b>Viridian SolTech</b>											
Neutral (#2)	4+12+4	55	12	38	10	34	1.9	1.6	0.46	0.53	31
	6+12+6	56	12	36	10	30	1.9	1.6	0.45	0.52	33
	10+12+6	55	11	35	10	29	1.9	1.6	0.44	0.50	38
Grey (#2)	6+12+6	27	6	19	6	10	1.9	1.6	0.28	0.33	33
<b>Viridian Eantage</b>											
Clear (#2)	6+12+6	61	27	47	20	23	2.0	1.7	0.56	0.64	33
Grey (#2)	6+12+6	29	10	24	9	8	2.0	1.7	0.33	0.39	33
SuperGreen (#2)	6+12+6	44	18	21	9	7	2.0	1.7	0.29	0.34	33
SuperBlue (#2)	6+12+6	35	13	19	9	8	1.9	1.7	0.28	0.33	33
Bronze (#2)	6+12+6	32	13	24	11	7	2.0	1.5	0.35	0.44	33
<b>Viridian ComfortPlus</b>											
Clear 82 (#2)	6.38+12+6	73	16	51	12	<1	1.9	1.6	0.60	0.69	34
	8.38+12+6	72	16	49	12	<1	1.9	1.6	0.58	0.67	37
	10.38+12+6	71	16	47	11	<1	1.8	1.6	0.56	0.64	39
	12.38+12+6	70	16	45	11	<1	1.8	1.6	0.54	0.62	39
Neutral 59 (#2)	8.38+12+6	52	9	33	8	<1	1.9	1.6	0.43	0.50	37
	10.38+12+6	51	10	31	7	<1	N/A	1.6	0.41	0.47	39
Grey 37 (#2)	8.38+12+6	32	6	23	5	<1	1.9	1.6	0.33	0.38	37
Grey 40 (#2)	10.38+12+6	34	6	28	7	<1	N/A	1.6	0.38	0.44	39
<b>Performance data with E-Tech used as inner pane</b>											
<b>Viridian EnergyTech</b>											
Clear (#2)	4+12+4	69	19	51	16	34	1.8	1.5	0.61	0.71	31
	6+12+6	67	19	47	15	29	1.8	1.5	0.59	0.68	33
	10+12+6	65	18	43	13	26	1.7	1.5	0.55	0.63	38
<b>Viridian SolTech</b>											
Neutral (#2)	4+12+4	51	13	34	11	28	1.8	1.5	0.44	0.51	31
	6+12+6	52	13	32	11	24	1.7	1.5	0.43	0.50	33
	10+12+6	51	13	31	10	23	N/A	1.5	0.42	0.42	38
Grey (#2)	6+12+6	25	6	17	7	8	1.8	1.5	0.27	0.31	33
<b>Viridian Eantage</b>											
Clear (#2)	6+12+6	57	29	41	21	19	N/A	1.5	0.54	0.64	33
Grey (#2)	6+12+6	27	11	20	9	7	N/A	1.5	0.31	0.39	33
SuperGreen (#2)	6+12+6	41	19	18	10	5	N/A	1.5	0.27	0.34	33
SuperBlue (#2)	6+12+6	33	14	17	9	7	N/A	1.5	0.26	0.33	33
Bronze (#2)	6+12+6	34	13	28	11	9	N/A	1.7	0.37	0.44	33
<b>Viridian ComfortPlus</b>											
Clear 82 (#2)	6.38+12+6	67	18	43	13	<1	1.7	1.5	0.55	0.64	34
	8.38+12+6	67	18	43	13	<1	1.7	1.5	0.55	0.67	37
	10.38+12+6	66	18	42	13	<1	1.7	1.5	0.54	0.60	39
	12.38+12+6	65	18	40	12	<1	1.7	1.5	0.52	0.59	39
Neutral 59 (#2)	8.38+12+6	49	13	30	9	<1	1.7	1.5	0.40	0.46	37

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# TwinSeal™

## Double Glazing

Walshs TwinSeal™ Double Glazing Units (DGUs) can be partnered with a broad range of glass types to enable you to choose a balance that best suits your performance requirements.

Walshs TwinSeal™ DGUs can provide significant benefits to a building including improved acoustic performance, safety, comfort, and a noticeable reduction in energy costs. With the increase in building regulations, the focus on energy efficiency and our carbon footprint means DGUs have become more important than ever before – making Walshs TwinSeal™ the ideal choice for your next project.

Product Name	Nominal Thickness mm	Visible Light		Solar Energy		UV Trans. %	U Value		SHGC	Shading Co.	RW
		Trans. %	Refl. %	Trans. %	Refl. %		Air	Argon			
<b>Float</b>											
<b>Walshs Clear</b>	4+12+4	80	15	69	13	51	2.7	2.6	0.75	0.86	31
	5+12+5	79	15	63	12	47	2.7	2.5	0.72	0.83	31
	6+12+6	78	15	62	12	44	2.7	2.5	0.71	0.82	33
	8+12+6	77	14	57	11	42	2.7	2.5	0.66	0.76	35
	10+12+6	76	14	54	10	39	2.7	2.5	0.64	0.73	38
	12+12+6	75	14	51	10	37	2.6	2.5	0.61	0.71	38
<b>Walshs Grey</b>	4+12+4	50	8	46	8	24	2.7	2.6	0.55	0.64	31
	5+12+5	42	7	38	7	19	2.7	2.5	0.49	0.57	31
	6+12+6	37	7	33	7	15	2.7	2.5	0.45	0.52	33
	10+12+6	24	5	24	5	9	2.7	2.5	0.38	0.44	38
	12+12+6	19	5	20	5	7	2.6	2.5	0.34	0.40	38
<b>Walshs Green</b>	6+12+6	68	12	39	8	21	2.7	2.5	0.50	0.57	33
	10+12+6	56	9	24	6	9	2.6	2.5	0.37	0.43	38
<b>Walshs Bronze</b>	6+12+6	43	8	38	7	15	2.7	2.5	0.50	0.57	33
	10+12+6	30	6	28	6	7	2.6	2.5	0.41	0.48	38
<b>Laminate</b>											
<b>Walshs Clear</b>	6.38+12+6	78	15	58	12	<1	2.7	2.5	0.67	0.77	34
<b>Walshs Grey</b>	6.38+12+6	37	7	37	7	<1	2.7	2.5	0.49	0.56	34
<b>Walshs Bronze</b>	6.38+12+6	46	8	40	8	<1	2.7	2.5	0.52	0.60	34
<b>Walshs Green</b>	6.38+12+6	63	11	50	9	<1	2.7	2.5	0.60	0.70	34
<b>Walshs Translucent</b>	6.38+12+6	58	10	44	8	<1	2.7	2.5	0.55	0.64	34
<b>High Performance Tones</b>											
<b>VFloat SuperGrey</b>	6+12+6	8	4	6	4	1	2.7	2.5	0.21	0.25	33

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# TwinSeal™

## Performance Platinum

Walshs TwinSeal™ Performance Platinum is the Rolls Royce of our thermally insulating DGU products.

Designed specifically to meet and exceed the 2025 NatHERS 7 star energy efficiency standards, Walshs TwinSeal™ Performance Platinum is the future of Double Glazing, with exceptional quality, outstanding performance, and a reduced ecological footprint.

Product Name	Nominal Thickness mm	Visible Light		Solar Energy		U Value	SHGC	RW
		Transmission %	Reflect Out %	Transmission %	Reflect Out %			
<b>Clear 1</b>	6+12+6mm	67	13	26	48	1.32	0.28	34
<b>Clear 2*</b>	6+12+6mm	59	14	23	45	1.32	0.26	34
<b>Clear 3*</b>	6+12+6mm	49	11	19	42	1.32	0.22	34
<b>Green</b>	6+12+6mm	54	12	19	48	1.32	0.28	34
<b>Grey</b>	6+12+6mm	33	12	13	47	1.32	0.27	34
<b>Bronze</b>	6+12+6mm	40	12	15	47	1.32	0.27	34
<b>Acid Etch</b>	6+12+6mm	66	13	26	48	1.32	0.28	34

\*Special order.

The 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 7.4 software. NFRC 100-2001 conditions have been used.



# TwinSeal™

## Performance Plus

Walshs TwinSeal™ Performance Plus DGU is a thermally insulating DGU product that meets the highest performance and quality standards, designed to exceed your expectations on transparency, thermal insulation and solar heat gain.

The introduction of strict energy efficiency legislation for commercial buildings across the country is helping Architects consider the use of High Performance Low E DGU's and the benefits of TwinSeal™ Performance Plus Double Glazing over traditional DGU glazing methods.

Product Name	Nominal Thickness mm	Visible Light		Solar Energy		UV Trans. %	U Value Argon	SHGC	RW
		Trans. %	Reflect Out %	Trans. %	Reflect Out %				
<b>Walshs TwinSeal™ Performance Plus</b>									
<b>Clear (#3)</b>	4+12+4	80	12	54	27	49	1.4	0.60	31
	5+12+5	80	12	52	25	46	1.4	0.58	32
	6+12+6	79	12	51	24	43	1.4	0.57	33
<b>Grey (#3)</b>	4+12+4	50	7	35	15	23	1.4	0.41	31
	5+12+5	43	7	30	13	18	1.4	0.36	32
	6+12+6	37	6	27	11	15	1.4	0.33	33
<b>Acid Etch (#3)</b>	4+12+6	80	12	54	27	49	1.4	0.60	31
	6+12+6	79	12	51	24	43	1.4	0.57	33
<b>Walshs TwinSeal™ Performance Plus Laminate</b>									
<b>Clear (#3)</b>	6.38+12+6	79	12	48	20	<1	1.4	0.55	35
<b>Grey (#3)</b>	6.38+12+6	38	6	28	13	<1	1.4	0.35	35
<b>Translucent (#3)</b>	6.38+12+6	55	17	32	28	<1	1.4	0.50	35
<b>Walshs TwinSeal™ Performance Plus Serenity</b>									
<b>Clear (#3)</b>	6.5+12+4	79	12	49	20	<1	1.4	0.54	38
	6.5+12+5	79	12	48	20	<1	1.4	0.54	39
	6.5+12+6	78	12	48	20	<1	1.4	0.54	39
<b>Grey (#3)</b>	6.88+12+4	38	6	28	13	<1	1.4	0.35	38
	6.88+12+5	38	6	28	13	<1	1.4	0.35	39
	6.88+12+6	38	6	28	13	<1	1.4	0.35	39

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# TwinSeal™

## Performance Optima

Walshs TwinSeal™ Performance Optima DGU has been designed specifically to provide superior performance double glazing solution. Discover the perfect balance between high-end performance and luxury with our new double-glazed glass solution. Designed to meet the demands of modern living, this innovative product offers exceptional insulation and cooling benefits, making it the ideal choice for comfort-conscious homeowners and commercial eco-friendly builds.

TwinSeal™ Performance Optima provides flexibility for the most demanding projects and delivers a high quality standard. For those seeking an IGU solution that merges exceptional performance with environmental responsibility, this product delivers premium results at an attainable level. Perfect for homeowners, architects, and builders aiming to combine style, performance, and sustainability in every project.

Product Name	Nominal Thickness mm	Visible Light		Solar Energy		UV Trans. %	U Value	SHGC	RW
		Trans. %	Reflect Out %	Trans. %	Reflect Out %				
<b>Clear</b>	6+12+6	68	15	29	45	9.7	1.43	0.32	33
<b>Green</b>	6+12+6	55	14	25	45	9.7	1.43	0.32	33
<b>Grey</b>	6+12+6	45	14	25	44	9.7	1.43	0.32	33
<b>Acid Bronze</b>	6+12+6	67	15	29	45	9.7	1.43	0.32	33

The 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 7.4 software. NFRC 100-2001 conditions have been used.