

PERFORMANCE DATA

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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.



## Clear & Toned Single Glazing

PRODUCT NAME	NOMINAL THICKNESS	VISIBLE		SOLAR		UV TRANS	U VALUE	SHGC	SHADING CO.	RW
		Trans	Refl.	Trans	Refl.					
<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
	10	27	5	31	5	12	5.7	0.51	0.59	36
Green	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
	6	77	7	47	5	27	5.8	0.61	0.71	32
Bronze	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
	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
<b>Laminate</b>										
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

## Clear & Toned Single Glazing

### Technical Information

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.

### Understanding These Charts

<b>Product Name</b>	For more information on individual products ask your Walshs Glass Sales Consultant.
<b>Nominal Thickness</b>	Identifies the glass thickness.
<b>Visible Light Transmission</b>	The percentage of visible light that passes directly through the glass. The higher the percent-age, 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 differ-ences between indoor and outdoor air. The lower the value the better the insulation.
<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>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.