

PERFORMANCE DATA DOUBLE GLAZED UNIT

TwinSeal Double Glazed Units

Walshs TwinSeal Double Glazing Units can be partnered with a large range of glass types to enable you to choose a balance that suits your performance requirements. Improve your buildings acoustic performance, safety and comfort as well as saving on energy costs.

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

TwinSeal Double Glazed Units

PRODUCT NAME	NOMINAL THICKNESS	VISIBLE		SOLAR		UV TRANS	U VALUE		SHGC	SHADING CO.	RW
		Trans	Refl.	Trans	Refl.		Air	Argon			
Float											
Clear	3+12+3	81	15	69	13	53	2.7	2.6	0.75	0.87	
	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	
	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	
	10+12+6	76	14	54	10	39	2.7	2.5	0.64	0.73	38
Grey	12+12+6	75	14	51	10	37	2.6	2.5	0.61	0.71	
	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	
	6+12+6	37	7	33	7	15	2.7	2.5	0.45	0.52	33
Green	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	
	6+12+6	68	12	39	8	21	2.7	2.5	0.50	0.57	33
Bronze	10+12+6	56	9	24	6	9	2.6	2.5	0.37	0.43	38
	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
Laminate											
Clear	6.38+12+6	78	15	58	12	<1	2.7	2.5	0.67	0.77	34
Grey	6.38+12+6	37	7	37	7	<1	2.7	2.5	0.49	0.56	34
Bronze	6.38+12+6	46	8	40	8	<1	2.7	2.5	0.52	0.60	34
Green	6.38+12+6	63	11	50	9	<1	2.7	2.5	0.60	0.70	34
Translucent	6.38+12+6	58	10	44	8	<1	2.7	2.5	0.55	0.64	34
High Performance Tones											
VFloat SuperGrey	6+12+6	8	4	6	4	1	2.7	2.5	0.21	0.25	33
Viridian EnergyTech											
EnergyTech 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	0.61	0.71	33
	10+12+6	71	16	48	12	32	1.9	1.6	0.58	0.66	38
EnergyTech 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
Viridian SolTech											
SolTech 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
SolTech Grey (#2)	6+12+6	27	6	19	6	10	1.9	1.6	0.28	0.33	33
Sunergy Float											
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	1.9	0.59	0.51	33
	10+12+6	55	12	40	11	33	2.1	1.9	0.56	0.49	38
Viridian ComfortPlus											
Clear 82 (#2)	6.38+12+6	73					1.9	1.6	0.60	0.69	34
	8.38+12+6	72					1.9	1.6	0.58	0.67	
	10.38+12+6	71					1.8	1.6	0.56	0.64	
	12.38+12+6	70					1.8	1.6	0.54	0.62	

198 Bannister Road, Canning Vale, WA 6155

Tel: +61 8 9366 6609 Fax: +61 8 94552640

sales@walshsglass.com.au

www.walshsglass.com.au

TwinSeal Double Glazed Units with Low E

PRODUCT NAME	NOMINAL THICKNESS	VISIBLE		SOLAR		UV TRANS	U VALUE		SHGC	SHADING CO.	RW
		Trans	Refl.	Trans	Refl.		Air	Argon			
Float											
Clear	4+12+4	74	18	57	16	41	1.9	1.6	0.70	0.81	31
	6+12+6	73	17	52	15	35	1.9	1.6	0.67	0.77	33
	10+12+6	70	17	46	13	32	1.9	1.6	0.59	0.68	38
	12+12+6	69	16	44	12	30	1.9	1.6	0.57	0.65	
Grey	4+12+4	46	9	38	10	20	1.9	1.6	0.50	0.57	31
	5+12+4	39	8	32	9	16	1.9	1.6	0.44	0.51	
	6+12+6	34	7	27	8	12	1.9	1.6	0.40	0.46	33
	10+12+6	22	5	20	6	7	1.9	1.6	0.32	0.37	38
Green	12+12+6	17	5	16	6	6	1.9	1.6	0.28	0.33	
	6+12+6	63	14	33	9	17	1.9	1.6	0.45	0.51	33
Bronze	10+12+6	52	11	21	7	7	1.9	1.6	0.32	0.36	38
	6+12+6	40	8	31	9	12	1.9	1.6	0.44	0.51	33
	10+12+6	28	6	19*	7	6	1.9	1.6	0.36	0.42	38
Laminate											
Clear	6.38+12+6	72	17	50	13	<1	1.9	1.6	0.63	0.73	34
Grey	6.38+12+6	34	7	30	8	<1	1.9	1.6	0.44	0.51	34
Bronze	6.38+12+6	43	9	34	9	<1	1.9	1.6	0.47	0.55	34
Green	6.38+12+6	59	13	42	11	<1	1.9	1.6	0.56	0.65	34
Translucent	6.38+12+6	55	12	38	10	<1	1.9	1.6	0.51	0.59	34
High Performance Tones											
VFloat SuperGrey	6+12+6	7	4	5	4	1	1.9	1.6	0.15	0.18	33
Viridian EnergyTech											
EnergyTech 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
Viridian SolTech											
SolTech 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
SolTech Grey (#2)	6+12+6	25	6	17	7	8	1.8	1.5	0.27	0.31	33
Viridian ComfortPlus											
Clear 82 (#2)	6.38+12+6	67	18	43	13	<1	1.7	1.5	0.55	0.64	34
	10.38+12+6	66	18	42	13	<1	1.7	1.5	0.54	0.60	
	12.38+12+6	65	18	40	12	<1	1.7	1.5	0.52	0.59	
Neutral 59 (#2)	8.38+12+6	49	13	30	9	<1	1.7	1.5	0.40	0.46	
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

E-tech has been used as the inner panel.

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 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.

The first number is our glass thickness, +12 is the width of the gap, then the thickness of the inner panel of the unit.

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

198 Bannister Road, Canning Vale, WA 6155
 Tel: +61 8 9366 6609 Fax: +61 8 94552640
sales@walshsglass.com.au
www.walshsglass.com.au