WalshsGlass

Walshs 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. Out %	Trans. %	Refl. Out %		Air	Argon			
Walshs TwinSeal™ Performance											
Sunergy Float											
Clear (#2)	4+12+4	61	12	44	12	39		1.90	0.61	0.53	31
	6+12+6	60	12	41	11	34		1.80	0.50	0.59	33
	10+12+6	55	12	40	11	33		1.90	0.56	0.49	38
Grey (#2)	6+12+6	30	6	6	7	17		1.85	0.37	0.37	33
Planibel G Float											
Clear (#3)	4+12+4	75	16	59	14	44	2.00	1.70	0.65	0.75	31
	6+12+6	73	15	53	13	38	1.90	1.70	0.61	0.71	33
	10+12+6	71	15	49	12	32	1.90	1.70	0.57	0.66	38
Grey (#2)	4+12+4	47	9	40	9	19	1.90	1.70	0.48	0.55	31
	6+12+6	37	7	30	8	14	1.90	1.70	0.39	0.45	33
Solar Control Float											
Neutral (#2)	6+12+6	56	12	36	10	30		1.90	0.45	0.52	33
Solar Control Laminates											
Clear (#2)	6.38+12+6	73	16	51	12	<1	1.90	1.60	0.60	0.69	34
	10.38+12+6	71	16	47	11	<1	1.80	1.60	0.56	0.64	39
	12.38+12+6	70	16	45	11	<1	1.80	1.60	0.54	0.62	39
Neutral (#2)	6.38+12+6	52	10	15	8	<1	1.90	1.70	0.43	0.50	34
	10.38+12+6	53	11	16	8	<1	1.90	1.60	0.41	0.47	39
Grey (#2)	6.38+12+6	35	7	15	8	<1	1.90	1.60	0.41	0.47	34
	10.38+12+6	36	7	15	7	<1	1.90	1.60	0.39	0.45	39
Translucent (#2)	6.38+12+6	55	11	16	9	<1	1.90	1.60	0.48	0.55	34
	10.38+12+6	54	11	16	9	<1	1.90	1.60	0.45	0.52	39
Performance data with Planibel G Clear # 3 used as inner pane											
Planibel G Clear (#2)	4+12+4	69	19	47	15	33		1.55	0.63	0.72	31
	6+12+6	66	17	47	15	27		1.50	0.59	0.68	33
	10+12+6	65	18	43	13	25		1.50	0.56	0.64	38
Planibel G Grey (#2)	4+12+4	42	17	35	10	15		1.50	0.45	0.52	31
	6+12+6	32	16	25	8	14		1.50	0.36	0.42	33
Walshs Solar Neutral # 2	6+12+6	52	13	32	11	24		1.50	0.43	0.50	33
	10+12+6	51	13	31	10	23		1.50	0.42	0.42	38
Solar Control Laminates											
Clear (#2)	6.38+12+6	67	18	43	13	<1	1.70	1.50	0.55	0.64	34
	10.38+12+6	66	18	42	13	<1	1.70	1.50	0.54	0.60	39
	12.38+12+6	65	18	40	12	<1	1.70	1.50	0.52	0.59	39

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