

SOLAR CONTROL

No.	Product name	Glass Build-Up Outer/Cavity/Mid/Cavity/Inner	EN 673	EN 410					EN ISO 717-1	Thickness mm	Weight kg/m ²
			U _g -Value	Light transmission	g-Value	Light Reflection external	Light Reflection internal	Colour Rendering Index R _a	Sound Insulation R _w / C / C _{tr}		
			W/(m ² K)	%	%	%	%		dB		
1	sunlite A /	6:6:2	5,4	76	50	7	7	89	36	13	30
2	sunlite grey 65 oHT /	6:	5,6	64	69	9	15	99	31	6	15
3	sunlite grey 45 oHT /	6:	5,5	44	53	10	20	98	31	6	15
4	sunlite silver-grey 25 oHT /	6:	5,2	24	39	19	32	96	31	6	15
5	sunlite bright oHT /	6:	5,7	67	69	30	31	96	31	6	15
6	sunbelt A71 //	6: / 16 / 4	1,0	70	37	13	14	96	36	26	25
7	sunbelt A61 //	6: / 16 / 4	1,0	61	33	13	12	93	36	26	25
8	sunbelt A51 //	6: / 16 / 4	1,0	52	28	14	11	92	36	26	25
9	sunbelt A41 HT //	6: / 16 / 4	1,0	43	23	16	11	90	36	26	25
10	sunbelt D70 oHT //	6: / 16 / 4	1,1	68	46	21	19	97	36	26	25
11	sunbelt D60 oHT //	6: / 16 / 4	1,1	58	40	28	20	97	36	26	25
12	sunbelt D50 oHT //	6: / 16 / 4	1,1	50	33	30	21	95	36	26	25
13	sunbelt D40 oHT //	6: / 16 / 4	1,1	40	28	36	15	94	36	26	25
14	sunbelt D40 blue oHT //	6: / 16 / 4	1,1	38	27	32	17	94	36	26	25
15	sunbelt E71 //	6: / 16 / 4	1,0	70	39	12	14	97	36	26	25
16	sunbelt solar //	6: / 16 / 4	1,0	67	43	25	24	96	36	26	25
17	sunbelt silber //	6: / 16 / 4	1,0	40	21	33	18	94	36	26	25
18	sunbelt gold //	6: / 16 / 4	1,2	29	28	36	51	92	36	26	25
19	sunlite bright oHT // ¹⁾	6: / 16 / :4	1,1	60	50	33	32	98	36	26	25
20	sunlite grey 65 oHT // ¹⁾	6: / 16 / :4	1,1	58	48	10	17	98	36	26	25
21	sunlite grey 45 oHT // ¹⁾	6: / 16 / :4	1,1	40	34	11	21	97	36	26	25
22	sunlite silver-grey 25 oHT // ¹⁾	6: / 16 / :4	1,1	22	23	19	31	96	36	26	25
23	sunbelt A71 /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	63	35	15	16	95	38 / -2 / -7	42	35
24	sunbelt A61 /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	55	31	14	14	92	38 / -2 / -7	42	35
25	sunbelt A51 /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	47	26	16	14	91	38 / -2 / -7	42	35
26	sunbelt A41 HT /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	39	21	16	14	89	38 / -2 / -7	42	35
27	sunbelt D70 oHT /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	62	41	23	20	96	38 / -2 / -7	42	35
28	sunbelt D60 oHT /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	53	36	29	21	96	38 / -2 / -7	42	35
29	sunbelt D50 oHT /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	45	29	31	22	94	38 / -2 / -7	42	35
30	sunbelt D40 oHT /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	36	24	36	17	93	38 / -2 / -7	42	35
31	sunbelt D40 blue oHT /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	35	23	33	19	93	38 / -2 / -7	42	35
32	sunbelt E71 /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	64	36	14	16	96	38 / -2 / -7	42	35
33	sunbelt solar ///	6: / 14 / 4 / 14 / :4	0,6	61	39	27	24	95	38 / -2 / -7	42	35
34	sunbelt silber /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	36	19	33	20	93	38 / -2 / -7	42	35
35	sunbelt gold /// ¹⁾	6: / 14 / 4 / 14 / :4	0,7	26	23	37	47	91	38 / -2 / -7	42	35
36	sunlite bright oHT /// ^{1), 2)}	6: / 14 / :4 / 14 / :4	0,6	55	43	35	31	98	38 / -2 / -7	42	35
37	sunlite grey 65 oHT /// ^{1), 2)}	6: / 14 / :4 / 14 / :4	0,6	53	41	12	19	97	38 / -2 / -7	42	35
38	sunlite grey 45 oHT /// ^{1), 2)}	6: / 14 / :4 / 14 / :4	0,6	36	29	12	22	93	38 / -2 / -7	42	35
39	sunlite silver-grey 25 oHT /// ^{1), 2)}	6: / 14 / :4 / 14 / :4	0,6	20	19	20	31	96	38 / -2 / -7	42	35

1) Additional Low-E coating N34 on level 3 or 5. 2) Additional Low-E coating on level 3, middle pane is thermally toughened. I oHT: optionally heat-treatable. All sunbelt A types and sunbelt E71 are also available as hardenable coating (HT). sunbelt A41 HT is only available as HT. Matching spandrel elements are available for all arcon® solar control glass units for use as cold or hot panels. Values may change during product development.

SOLAR CONTROL – DESIGN YOUR COATING

No.	Product name	Glass Build-Up Outer/Cavity/Mid/Cavity/Inner	EN 673	EN 410					EN ISO 717-1	Thickness mm	Weight kg/m ²
			U _g -Value	Light transmission	g-Value	Light Reflection external	Light Reflection internal	Colour Rendering Index _{Ra}	Sound Insulation R _w / C / C _r		
			W/(m ² K)	%	%	%	%		dB		
40	sunbelt platin //	6: / 16 / 4	1,1	71	43	11	12	96	36	26	25
41	sunbelt nordic //	6: / 16 / 4	1,0	70	37	14	16	96	36	26	25
42	sunbelt polaris //	6: / 16 / 4	1,0	66	36	12	14	96	36	26	25
43	sunbelt crystal //	6: / 16 / 4	1,0	60	32	16	16	97	36	26	25
44	sunbelt arctis //	6: / 16 / 4	1,0	52	27	30	29	96	36	26	25
45	sunbelt scandic //	6: / 16 / 4	1,0	53	27	17	14	94	36	26	25
46	sunbelt atlantis //	6: / 16 / 4	1,0	40	22	21	11	89	36	26	25
47	sunbelt ocean //	6: / 16 / 4	1,0	35	19	26	11	88	36	26	25
48	sunbelt A70 //	6: / 16 / 4	1,0	70	37	13	13	96	36	26	25
49	sunbelt A60 //	6: / 16 / 4	1,0	61	33	14	12	96	36	26	25
50	sunbelt A50 //	6: / 16 / 4	1,0	53	28	18	12	94	36	26	25
51	sunbelt A40 //	6: / 16 / 4	1,0	43	23	22	11	91	36	26	25
52	sunbelt E70 //	6: / 16 / 4	1,0	70	39	12	13	96	36	26	25
53	sunbelt platin /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	64	39	13	14	95	38 / -2 / -7	42	35
54	sunbelt nordic /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	64	34	16	18	95	38 / -2 / -7	42	35
55	sunbelt polaris /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	59	33	14	16	95	38 / -2 / -7	42	35
56	sunbelt crystal /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	55	30	17	18	95	38 / -2 / -7	42	35
57	sunbelt arctis /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	48	25	31	29	95	38 / -2 / -7	42	35
58	sunbelt scandic /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	48	25	18	17	93	38 / -2 / -7	42	35
59	sunbelt atlantis /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	37	19	22	14	88	38 / -2 / -7	42	35
60	sunbelt ocean /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	32	17	26	14	87	38 / -2 / -7	42	35
61	sunbelt A70 /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	63	35	15	16	95	38 / -2 / -7	42	35
62	sunbelt A60 /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	56	31	16	14	95	38 / -2 / -7	42	35
63	sunbelt A50 /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	48	26	19	15	93	38 / -2 / -7	42	35
64	sunbelt A40 /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	39	21	23	14	90	38 / -2 / -7	42	35
65	sunbelt E70 /// ¹⁾	6: / 14 / 4 / 14 / :4	0,6	64	36	14	16	95	38 / -2 / -7	42	35

Matching spandrel elements are available for all arcon® solar control glass units for use as cold or hot panels. The availability of those coatings has to be agreed with arcon® in advance.