

ORNILUX® – BIRD PROTECTION

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 _{tr}		
			W/(m ² K)	%	%	%	%		dB		
47	ORNILUX® design dots / ⁶⁾ , ⁷⁾	:6	5,7	89	85	8	8	99	31	6	15
48	ORNILUX® design lines / ⁶⁾ , ⁷⁾	:6	5,7	85	82	11	10	99	31	6	15
49	ORNILUX® supermikado /	:66.2	5,4	79	71	16	16	99	36	13	30
50	ORNILUX® mikado uno // 1,0 ⁸⁾	4: / 16 / :44.2	1,0	66	48	25	25	96	38 / -2 / -6	30	35
51	ORNILUX® mikado advance // 1,1 ⁸⁾	4: / 16 / :44.2	1,1	77	61	15	14	98	38 / -2 / -7	28	30
52	ORNILUX® mikado A71 // 66.37 ⁸⁾	6: / 16 / :44.2	1,0	66	36	15	17	96	39 / -2 / -6	30	35
53	ORNILUX® mikado A61 // 58.32 ⁸⁾	6: / 16 / :44.2	1,0	58	32	14	15	93	39 / -2 / -6	30	35
54	ORNILUX® mikado A51 // 51.26 ⁸⁾	46.2: / 16 / 4	1,0	51	26	16	12	91	-	30	35
55	ORNILUX® mikado A41 // 41.22 ³⁾ , ⁸⁾	46.2: / 16 / 4	1,0	41	22	17	12	90	-	30	35
56	ORNILUX® design dots // 1,1	:4 / 16 / :4	1,1	81	64	12	12	98	32	24	20
57	ORNILUX® design lines // 1,1	:4 / 16 / :4	1,1	78	62	14	13	98	32	24	20
58	ORNILUX® mikado advance /// 0,6 ⁸⁾	4: / 14 / :4 / 14 / :44.2	0,6	70	51	17	17	97	-	44	40
59	ORNILUX® mikado A71 /// 60.33 ⁸⁾	6: / 14 / :4 / 14 / :44.2	0,6	60	33	17	18	95	-	46	45
60	ORNILUX® mikado A61 /// 52.29 ⁸⁾	6: / 14 / :4 / 14 / :44.2	0,6	52	29	16	17	92	-	46	45
61	ORNILUX® mikado A51 /// 45.24 ⁸⁾	66.2: / 14 / 4 / 14 / :4	0,6	45	24	17	14	90	-	48	50
62	ORNILUX® design dots /// 0,6	:4 / 14 / :4 / 14 / :4	0,6	74	55	15	14	97	32	40	30
63	ORNILUX® design lines /// 0,6	:4 / 14 / :4 / 14 / :4	0,6	71	53	17	16	97	32	40	30

6) These ORNILUX® design constructions were successfully tested in the flight tunnel test in Hohenau-Ringelsdorf/Austria with markings on level 1. Further information on request. **7)** Technical data for monolithic superstructures are approximate. **8)** In coordination with the American Bird Conservancy (ABC), ORNILUX® mikado one coating can be used on surface 1, instead of the original mikado coating, which is normally placed on surface 2 or 3 within the insulating glass. ORNILUX® mikado one is a transparent, enlarged pattern based on mikado. This applies to all tested and approved ORNILUX® mikado configurations. | All ORNILUX® mikado multi-pane constructions have achieved an approach rate of at least 70% to the control pane in ABC flight tunnel tests („EFFECTIVE“ category). More information at www.birdsmartglass.org. The flight tunnel results form the basis for LEED Credit 55. www.usgbc.org. Other combinations on request.