

Infill for wooden and wood-metal windows

Standard

UNTREATED

Cover panel and surface	Plywood board AW100, untreated, 6.5 mm
Thermal insulation	PUR rigid foam, 32 kg/m ³ , 8–80 mm Other types of thermal insulation like expanded rigid polystyrene foam with graphite additive (EPS lambda), glass wool, cork, etc., available
Bonding	Water-resistant D3 (EN 204-D3)
Edge band	Spruce, circumferential (PEFC-certified) Other types of wood available; special edge bands can be inset according to your requirements
Edge milling	All possible CNC edge profile work is performed on all sides according to your profile specifications Special CNC processing like cut-outs, round and segment arches, ventilation slots or surface grooves are also possible
Thicknesses	Thicknesses from 21 mm to 93 mm can be produced
Formats	All formats from 500 × 95 mm to 2988 × 1294 mm can be produced

Element thicknesses from 21 mm to 93 mm can be produced. For further U-value calculations, please contact our consultants.

Element thickness	mm	21	23	25	28	30	35	40	50	60	70	80	93
Thickness cover panel	mm	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Thickness thermal insulation	mm	8	10	12	15	17	22	27	37	47	57	67	80
U-value	W/m ² K	1.650	1.443	1.282	1.098	1.002	0.823	0.698	0.536	0.434	0.365	0.315	0.268
Airborne sound insulation	28 dB, element thickness: 40 mm; test surface: 1.9 m ² (download test reports)												
Weight	kg/m ²	9.6	9.7	9.7	9.8	9.9	10.1	10.2	10.5	10.9	11.2	11.5	13.1

PRIMER FOIL

Cover panel and surface	Plywood board AW100 with white primer foil, 8 mm
Thermal insulation	PUR rigid foam, 32 kg/m ³ , 7–77 mm Other types of thermal insulation like expanded rigid polystyrene foam with graphite additive (EPS lambda), glass wool, cork, etc., available
Bonding	Water-resistant D3 (EN 204-D3)
Edge band	Spruce, circumferential (PEFC-certified) Other types of wood available; special edge bands can be inset according to your requirements
Edge milling	All possible CNC edge profile work is performed on all sides according to your profile specifications Special CNC processing like cut-outs, round and segment arches, ventilation slots or surface grooves are also possible
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Element thickness	mm	23	25	28	30	35	40	50	60	70	80	93
Thickness cover panel	mm	8	8	8	8	8	8	8	8	8	8	8
Thickness thermal insulation	mm	7	9	12	14	19	24	34	44	54	64	77
U-value	W/m²K	1,715	1,492	1,249	1,127	0,905	0,756	0,569	0,456	0,381	0,415	0,351
Airborne sound insulation	28 dB, element thickness: 40 mm; test surface: 1.9 m² (download test reports)											
Weight	kg/m²	11,7	11,8	11,9	12,0	12,1	12,3	12,6	12,9	13,2	13,1	13,4

VENEERED

Cover panel and surface	Birch plywood board AW100, 6.5 mm, with real wood veneer, 1 mm All types of real wood veneers available: spruce, pine, larch, fir, oak, etc. (FSC- or PEFC-certified) Veneer quality A/B (inside A/outside B) or A/A (inside A/outside A)
Thermal insulation	PUR rigid foam, 32 kg/m³, 8–78 mm Other types of thermal insulation like expanded rigid polystyrene foam with graphite additive (EPS lambda), glass wool, cork, etc., available
Bonding	Water-resistant D3 (EN 204-D3)
Edge band	Spruce, circumferential (PEFC-certified) Other types of wood available; special edge bands can be inset according to your requirements
Edge milling	All possible CNC edge profile work is performed on all sides according to your profile specifications Special CNC processing like cut-outs, round and segment arches, ventilation slots or surface grooves are also possible
Thicknesses	Thicknesses from 23 mm to 93 mm can be produced
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Element thickness	mm	23	25	28	30	35	40	50	60	70	80	93
Thickness cover panel	mm	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Veneer thickness	mm	1	1	1	1	1	1	1	1	1	1	1
Thickness thermal insulation	mm	8	10	13	15	20	25	35	45	55	65	78
U-value	W/m²K	1.613	1.413	1.193	1.081	0.875	0.735	0.557	0.449	0.375	0.323	0.273
Airborne sound insulation	28 dB , element thickness: 40 mm; test surface: 1.9 m² (download test reports)											
Weight	kg/m²	10.6	10.6	10.7	10.8	10.9	11.1	11.4	11.7	12.1	12.4	12.8