

Infill for wooden and wood-metal windows

Sound insulation

UNTREATED

Cover panel and surface	Plywood board AW100, untreated, 6.5 mm
Thermal insulation	Glass wool, 20 kg/m ³ , 12 – 75 mm
Sound insulation	1 piece of heavy bitumen foil, 5 mm
Bonding	Water-resistant D3 (EN 204-D3)
Edge band	Spruce, circumferential (PEFC-certified) 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

All element thicknesses from 30 mm to 93 mm can be produced. For further U-value calculations, please contact our consultants.

Element thickness	mm	30	35	40	50	60	70	80	93
Cover board thickness	mm	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Thermal insulation thickness	mm	12	17	22	32	42	52	62	75
Sound insulation thickness	mm	5	5	5	5	5	5	5	5
U-value	W/m ² K	1.636	1.326	1.115	0.846	0.681	0.570	0.490	0.415
Airborne sound insulation	40 dB, element thickness: 40 mm; test surface: 1.9 m ² (download test reports)								
Weight	kg/m ²	19.6	19.7	19.8	20.0	20.2	20.4	20.6	20.8

PRIMER FOIL

Cover panel and surface	Plywood board AW100 with white primer foil, 6.5 mm
Thermal insulation	Glass wool, 20 kg/m ³ , 12 – 75 mm
Sound insulation	1 piece of heavy bitumen foil, 5 mm
Bonding	Water-resistant D3 (EN 204-D3)
Edge band	Spruce, circumferential (PEFC-certified) 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

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

Element thickness	mm	30	35	40	50	60	70	80	93
Cover board thickness	mm	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Thermal insulation thickness	mm	12	17	22	32	42	52	62	75
Sound insulation thickness	mm	5	5	5	5	5	5	5	5
U-value	W/m ² K	1.636	1.326	1.115	0.846	0.681	0.570	0.490	0.415
Airborne sound insulation	40 dB, element thickness: 40 mm; test surface: 1.9 m ² (download test reports)								
Weight	kg/m ²	19.6	19.7	19.8	20.0	20.2	20.4	20.6	20.8

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	Glass wool, 20 kg/m³, 10 – 73 mm
Sound insulation	1 piece of heavy bitumen foil, 5 mm
Bonding	Water-resistant D3 (EN 204-D3)
Edge band	Spruce, circumferential (PEFC-certified) 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
Formats	All formats from 500 × 95 mm to 2988 × 1294 mm can be produced

All element thicknesses from 30 mm to 93 mm can be produced. For further U-value calculations, please contact our consultants.

Element thickness	mm	30	35	40	50	60	70	80	93
Cover board thickness	mm	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
Thermal insulation thickness	mm	10	15	20	30	40	50	60	73
Sound insulation thickness	mm	5	5	5	5	5	5	5	5
U-value	W/m²K	1.777	1.417	1.179	0.882	0.704	0.586	0.502	0.423
Airborne sound insulation	40 dB , element thickness: 40 mm; test surface: 1.9 m ² (download test reports)								
Weight	kg/m ²	20.7	20.8	20.9	21.1	21.3	21.5	21.7	22.0