

Ventilation flaps for wooden and wood-metal windows

Sound insulation

PLYWOOD, UNTREATED

Cover panel and surface	Plywood panel AW100, untreated, 6.5 mm							
Thermal insulation	PUR rigid foam, 32 kg/m ³ , 17–89 mm							
Sound insulation	2 pieces of heavy bitumen foil, 5 mm							
Bonding	Water-resistant D3 (EN 204-D3)							
Edge band	Finger-jointed laminated spruce pine, circumferential (PEFC-certified) Other types of wood available; special edge bands can be inset according to your requirements							
Edge milling	Preassembled							
Thicknesses	Thicknesses from 40 to 112 mm can be produced							
Formats	All formats from 500 × 200 mm to 2988 × 1194 mm can be produced							
Element thickness	mm	64	68	70	74	80	84	92
Cover panel thickness	mm	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Thermal insulation thickness	mm	41	45	47	51	57	61	69
Sound insulation thickness	mm	2 × 5	2 × 5	2 × 5	2 × 5	2 × 5	2 × 5	2 × 5
U-value	W/m ² K	0.485	0.447	0.431	0.401	0.363	0.341	0.305
Airborne sound insulation	36 dB, element thickness: 70 mm; test surface: 0.71 m ² (download test reports)							
Weight	kg/m ²	30.7	30.8	30.9	31.0	31.2	31.3	32.0

PLYWOOD, WITH PRIMER FOIL

Cover panel and surface	Plywood panel AW100 with white primer foil, 6.5 mm							
Thermal insulation	PUR rigid foam, 32 kg/m ³ , 17–89 mm							
Sound insulation	2 pieces of heavy bitumen foil, 5 mm							
Bonding	Water-resistant D3 (EN 204-D3)							
Edge band	Finger-jointed laminated spruce pine, circumferential (PEFC-certified) Other types of wood available; special edge bands can be inset according to your requirements							
Edge milling	Preassembled							
Thicknesses	Thicknesses from 40 to 112 mm can be produced							
Formats	All formats from 500 × 95 mm to 2988 × 1194 mm can be produced							
Element thickness	mm	64	68	70	74	80	84	92
Cover panel thickness	mm	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Thermal insulation thickness	mm	41	45	47	51	57	61	69
Sound insulation thickness	mm	2 × 5	2 × 5	2 × 5	2 × 5	2 × 5	2 × 5	2 × 5
U-value	W/m ² K	0.485	0.447	0.431	0.404	0.363	0.341	0.305
Airborne sound insulation	36 dB, element thickness: 70 mm; test surface: 0.71 m ² (download test reports)							
Weight	kg/m ²	30.7	30.8	30.9	31.0	31.2	31.3	32.0

PLYWOOD, VENEERED

Cover panel and surface	Birch plywood panel AW100, 6.5 mm, with real wood veneer, 1 mm All types of real wood veneers available: spruce pine, 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/m ³ , 15–87 mm							
Sound insulation	2 pieces of heavy bitumen foil, 5 mm							
Bonding	Water-resistant D3 (EN 204-D3)							
Edge band	Finger-jointed laminated spruce pine, circumferential (PEFC-certified) Other types of wood available; special edge bands can be inset according to your requirements							
Edge milling	Preassembled							
Thicknesses	Thicknesses from 40 to 112 mm can be produced							
Formats	All formats from 500 × 200 mm to 2988 × 1194 mm can be produced							
Element thickness	mm	64	68	70	74	80	84	92
Cover panel thickness	mm	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Veneer thickness	mm	1	1	1	1	1	1	1
Thermal insulation thickness	mm	39	43	45	49	55	59	67
Sound insulation thickness	mm	2 × 5	2 × 5	2 × 5	2 × 5	2 × 5	2 × 5	2 × 5
U-value	W/m ² K	0.503	0.462	0.445	0.413	0.373	0.350	0.312
Airborne sound insulation	36 dB, element thickness: 70 mm; test surface: 0.71 m ² (download test reports)							
Weight	kg/m ²	31.5	31.7	31.7	31.9	32.1	32.2	33.5

ROCKPANEL

Cover panel and surface	Rockpanel board, 8 mm							
Thermal insulation	PUR rigid foam, 32 kg/m ³ , 19–91 mm							
Sound insulation	1 piece of heavy bitumen foil, 5 mm							
Bonding	Water-resistant D3 (EN 204-D3)							
Edge band	Finger-jointed laminated spruce pine, circumferential (PEFC-certified) Other types of wood available; special edge bands can be inset according to your requirements							
Edge milling	Preassembled							
Thicknesses	Thicknesses from 40 to 112 mm can be produced							
Formats	All formats from 500 × 200 mm to 3038 × 1194 mm can be produced							
Element thickness	mm	64	68	70	74	80	84	92
Cover panel thickness	mm	8	8	8	8	8	8	8
Thermal insulation thickness	mm	43	47	49	53	59	63	71
Sound insulation thickness	mm	1 × 5	1 × 5	1 × 5	1 × 5	1 × 5	1 × 5	1 × 5
U-value	W/m ² K	0.477	0.441	0.424	0.395	0.358	0.337	0.302
Airborne sound insulation	41 dB, element thickness: 70 mm; test surface: 0.71 m ² (download test reports)							
Weight	kg/m ²	28.2	28.3	28.4	28.5	28.7	28.8	29.7