

Frame extension elements for wooden and wood-metal windows
Moisture-resistant

UNTREATED

Cover panel and surface	Plywood panel AW100, untreated, 12 mm
Thermal insulation	PUR rigid foam, 32 kg/m³, 16–88 mm Other types of thermal insulation, such as expanded polystyrene rigid foam with graphite additive (EPS lambda), glass wool, cork, etc., are available
Bonding	Water-resistant D3 (EN 204-D3)
Edge band	Spruce pine, circumferential (PEFC-certified) Other types of wood are 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, such as cut-outs and round and segment arches, and surface finishing, such as ventilation slots or surface grooves, are also possible
Thicknesses	Thicknesses from 40 to 112 mm can be produced For thicknesses of 113 mm and more, see extension elements for wooden lifting sliding doors For thicknesses below 40 mm, see infill for wooden windows
Formats	All formats from 500 × 95 mm to 3088 × 1294 mm can be produced

Element thicknesses from 40 to 112 mm can be produced. For further U-value calculations, please contact our consultants.

Element thickness	mm	40	50	54	58	64	68	70	74	80	84	94	104	112
Cover panel thickness	mm	12	12	12	12	12	12	12	12	12	12	12	12	12
Thermal insulation thickness	mm	16	26	30	34	40	44	46	50	56	60	70	80	88
U-value	W/m²K	0.952	0.674	0.603	0.546	0.478	0.441	0.425	0.396	0.359	0.337	0.294	0.261	0.239
Airborne sound insulation	28 dB , element thickness: 54 mm; test surface: 2.3 m ² (download test reports)													
Weight	kg/m ²	12.5	12.8	13.0	13.1	13.3	13.4	13.5	13.6	13.8	13.9	14.2	14.5	14.8

PRIMER FOIL

Cover panel and surface	Plywood panel AW100, with white primer foil, 9 mm
Thermal insulation	PUR rigid foam, 32 kg/m³, 22–94 mm Other types of thermal insulation, such as expanded polystyrene rigid foam with graphite additive (EPS lambda), glass wool, cork, etc., are available
Bonding	Water-resistant D3 (EN 204-D3)
Edge band	Spruce pine, circumferential (PEFC-certified) Other types of wood are 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, such as cut-outs and round and segment arches, and surface finishing, such as ventilation slots or surface grooves, are also possible
Thicknesses	Thicknesses from 40 to 112 mm can be produced For thicknesses of 113 mm and more, see extension elements for wooden lifting sliding doors For thicknesses below 40 mm, see infill for wooden windows
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Element thickness	mm	40	50	54	58	64	68	70	74	80	84	94	104	112
Cover panel thickness	mm	9	9	9	9	9	9	9	9	9	9	9	9	9
Thermal insulation thickness	mm	22	32	36	40	46	50	52	56	62	66	76	86	94
U-value	W/m²K	0.801	0.594	0.538	0.492	0.436	0.405	0.392	0.367	0.335	0.316	0.278	0.248	0.228
Airborne sound insulation	28 dB , element thickness: 54 mm; test surface: 2.3 m ² (download test reports)													
Weight	kg/m ²	13.7	14.0	14.1	14.2	14.4	14.5	14.6	14.7	15.0	15.0	15.4	15.7	16.0

VENEERED

Cover panel and surface	Plywood panel AW100, 12 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, 14–96 mm Other types of thermal insulation, such as expanded polystyrene rigid foam with graphite additive (EPS lambda), glass wool, cork, etc., are available
Bonding	Water-resistant D3 (EN 204-D3)
Edge band	Spruce pine, circumferential (PEFC-certified) Other types of wood are 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, such as cut-outs and round and segment arches, and surface finishing, such as ventilation slots or surface grooves, are also possible
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Element thickness	mm	40	50	54	58	64	68	70	74	80	84	94	104	112
Cover panel thickness	mm	12	12	12	12	12	12	12	12	12	12	12	12	12
Veneer thickness	mm	1	1	1	1	1	1	1	1	1	1	1	1	1
Thermal insulation thickness	mm	14	24	28	32	38	42	44	48	54	58	68	78	86
U-value	W/m²K	1.024	0.709	0.631	0.569	0.495	0.456	0.438	0.407	0.368	0.346	0.301	0.266	0.243
Airborne sound insulation	28 dB , element thickness: 54 mm; test surface: 2.3 m ² (download test reports)													
Weight	kg/m ²	13.8	14.1	14.2	14.3	14.5	14.7	14.7	14.8	15.0	15.2	15.5	15.8	16.0