

**Frame extension elements for wooden and wood-metal lifting sliding doors
Standard**

UNTREATED

Cover panel and surface	Chipboard P5, E1, untreated, 10 mm (PEFC-certified)
Thermal insulation	Expanded rigid polystyrene foam (EPS), 15 kg/m³, 93–200 mm
Bonding	Water-resistant D3 (EN 204-D3)
Edge band	Plywood, circumferential 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, surface finishing like ventilation slots or surface grooves are also possible
Thicknesses	Thicknesses from 113 mm to 220 mm can be produced For thicknesses below 113 mm, see frame extension elements for wooden and wood-metal windows
Formats	All formats from 500 × 95 mm to 3588 × 1294 mm can be produced

Element thicknesses from 113 mm to 220 mm can be produced. For further U-value calculations, please contact our consultants.

Element thickness	mm	113	120	130	140	150	160	170	180	190	200	210	220
Thickness cover panel	mm	10	10	10	10	10	10	10	10	10	10	10	10
Thickness thermal insulation	mm	93	100	110	120	130	140	150	160	170	180	190	200
U-value	W/m²K	0.362	0.340	0.312	0.288	0.268	0.250	0.235	0.221	0.209	0.198	0.188	0.179
Airborne sound insulation	26 dB , element thickness: 165 mm; test surface: 1.9 m ² (download test reports)												
Weight	kg/m ²	16.2	16.3	16.5	16.6	16.8	16.9	17.1	17.2	17.4	17.5	17.7	17.8

PRIMER FOIL

Cover panel and surface	Chipboard P5, E1, with white primer foil, 10 mm (PEFC-certified)
Thermal insulation	Expanded rigid polystyrene foam (EPS), 15 kg/m³, 93–200 mm
Bonding	Water-resistant D3 (EN 204-D3)
Edge band	Plywood, circumferential 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, surface finishing like ventilation slots or surface grooves are also possible
Thicknesses	Thicknesses from 113 mm to 220 mm can be produced For thicknesses below 113 mm, see frame extension elements for wooden and wood-metal windows
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Element thickness	mm	113	120	130	140	150	160	170	180	190	200	210	220
Thickness cover panel	mm	10	10	10	10	10	10	10	10	10	10	10	10
Thickness thermal insulation	mm	93	100	110	120	130	140	150	160	170	180	190	200
U-value	W/m²K	0.362	0.340	0.312	0.288	0.268	0.250	0.235	0.221	0.209	0.198	0.188	0.179
Airborne sound insulation	26 dB , element thickness: 165 mm; test surface: 1.9 m ² (download test reports)												
Weight	kg/m ²	16.2	16.3	16.5	16.6	16.8	16.9	17.1	17.2	17.4	17.5	17.7	17.8

Cover panel and surface	Medium-density fibreboard (MDF) P3, E1, with white primer foil, 10 mm
Thermal insulation	Expanded rigid polystyrene foam (EPS), 15 kg/m³, 93–200 mm
Bonding	Water-resistant D3 (EN 204-D3)
Edge band	Plywood, circumferential 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, surface finishing like ventilation slots or surface grooves are also possible
Thicknesses	Thicknesses from 113 mm to 220 mm can be produced For thicknesses below 113 mm, see frame extension elements for wooden and wood-metal windows
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Element thickness	mm	113	120	130	140	150	160	170	180	190	200	210	220
Thickness cover panel	mm	10	10	10	10	10	10	10	10	10	10	10	10
Thickness thermal insulation	mm	93	100	110	120	130	140	150	160	170	180	190	200
U-value	W/m²K	0.355	0.333	0.306	0.283	0.264	0.247	0.232	0.218	0.206	0.196	0.186	0.178
Airborne sound insulation	26 dB , element thickness: 165 mm; test surface: 1.9 m ² (download test reports)												
Weight	kg/m ²	16.8	16.9	17.1	17.2	17.4	17.5	17.7	17.8	18.0	18.1	18.3	18.4

VENEERED

Cover panel and surface	Chipboard P5, E1, 10 mm, with real wood veneer (unsanded), 1 mm (PEFC-certified) 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	Expanded rigid polystyrene foam (EPS), 15 kg/m³, 91–198 mm
Bonding	Water-resistant D3 (EN 204-D3)
Edge band	Plywood, circumferential 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 or surface finishing such as ventilation slots or surface grooves are also possible
Thicknesses	Thicknesses from 113 mm to 220 mm can be produced For thicknesses below 113 mm, see frame extension elements for wooden and wood-metal windows
Formats	All formats from 500 × 95 mm to 3588 × 1294 mm can be produced

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Element thickness	mm	113	120	130	140	150	160	170	180	190	200	210	220
Cover board thickness	mm	10	10	10	10	10	10	10	10	10	10	10	10
Veneer thickness	mm	1	1	1	1	1	1	1	1	1	1	1	1
Thermal insulation thickness	mm	91	98	108	118	128	138	148	158	168	178	188	198
U-value	W/m²K	0.369	0.346	0.317	0.293	0.272	0.253	0.238	0.224	0.211	0.200	0.190	0.181
Airborne sound insulation	26 dB , element thickness: 165 mm; test surface: 1.9 m ² (download test reports)												
Weight	kg/m ²	17.1	17.2	17.4	17.5	17.7	17.8	18.0	18.1	18.1	18.4	18.6	18.7