

## Frame extension elements for wooden and wood-metal lifting sliding doors Moisture-resistant

### UNTREATED

Cover panel and surface	Plywood panel AW100, untreated, 12 mm
Thermal insulation	Expanded polystyrene rigid foam (EPS), 15 kg/m <sup>3</sup> , 89–196 mm
Bonding	Water-resistant D3 (EN 204-D3)
Edge band	<b>Plywood, circumferential</b> Special edge bands can be inset according to your requirements
Edge milling	<b>All possible CNC edge profile work is performed on all sides according to your profile specifications</b> Special CNC processing, such as cut-outs, ventilation slots or surface grooves, is also possible
Thicknesses	<b>Thicknesses from 113 to 220 mm can be produced</b> For thicknesses below 113 mm, see frame extension elements for wooden and wood-metal windows
Formats	<b>All formats from 500 × 95 mm to 3588 × 1294 mm can be produced</b>

Element thicknesses from 113 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
Cover panel thickness	mm	12	12	12	12	12	12	12	12	12	12	12	12
Thermal insulation thickness	mm	89	96	106	116	126	136	146	156	166	176	186	196
U-value	W/m <sup>2</sup> K	0.371	0.347	0.318	0.293	0.272	0.254	0.238	0.224	0.212	0.201	0.190	0.181
Airborne sound insulation	26 dB, element thickness: 165 mm; test surface: 1.9 m <sup>2</sup> (download test reports)												
Weight	kg/m <sup>2</sup>	13.3	13.4	13.6	13.7	13.9	14.0	14.2	14.3	14.5	14.6	14.8	14.9

### PRIMER FOIL

Cover panel and surface	Plywood panel AW100 with white primer foil, 9 mm
Thermal insulation	Expanded polystyrene rigid foam (EPS), 15 kg/m <sup>3</sup> , 95–202 mm
Bonding	Water-resistant D3 (EN 204-D3)
Edge band	<b>Plywood, circumferential</b> Special edge bands can be inset according to your requirements
Edge milling	<b>All possible CNC edge profile work is performed on all sides according to your profile specifications</b> Special CNC processing, such as cut-outs, ventilation slots or surface grooves, is also possible
Thicknesses	<b>Thicknesses from 113 to 220 mm can be produced</b> For thicknesses below 113 mm, see frame extension elements for wooden and wood-metal windows
Formats	<b>All formats from 500 × 95 mm to 3588 × 1294 mm can be produced</b>

Element thicknesses from 113 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
Cover panel thickness	mm	9	9	9	9	9	9	9	9	9	9	9	9
Thermal insulation thickness	mm	95	102	112	122	132	142	152	162	172	182	192	202
U-value	W/m <sup>2</sup> K	0.358	0.336	0.309	0.285	0.266	0.248	0.233	0.220	0.208	0.197	0.187	0.178
Airborne sound insulation	26 dB, element thickness: 165 mm; test surface: 1.9 m <sup>2</sup> (download test reports)												
Weight	kg/m <sup>2</sup>	14.4	14.5	14.6	14.8	14.9	15.1	15.2	15.4	15.5	15.7	15.8	16.0

## VENEERED

<b>Cover panel and surface</b>	<b>Plywood panel AW100, 12 mm, with real wood veneer, 1 mm</b> 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)
<b>Thermal insulation</b>	<b>Expanded polystyrene rigid foam (EPS), 15 kg/m<sup>3</sup>, 87–194 mm</b>
<b>Bonding</b>	Water-resistant D3 (EN 204-D3)
<b>Edge band</b>	<b>Plywood, circumferential</b> Special edge bands can be inset according to your requirements
<b>Edge milling</b>	<b>All possible CNC edge profile work is performed on all sides according to your profile specifications</b> Special CNC processing, such as cut-outs, ventilation slots or surface grooves, is also possible
<b>Thicknesses</b>	<b>Thicknesses from 113 to 220 mm can be produced</b> For thicknesses below 113 mm, see frame extension elements for wooden and wood-metal windows
<b>Formats</b>	<b>All formats from 500 × 95 mm to 3588 × 1294 mm can be produced</b>

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

<b>Element thickness</b>	<b>mm</b>	<b>113</b>	<b>120</b>	<b>130</b>	<b>140</b>	<b>150</b>	<b>160</b>	<b>170</b>	<b>180</b>	<b>190</b>	<b>200</b>	<b>210</b>	<b>220</b>
<b>Cover panel thickness</b>	<b>mm</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>
Veneer thickness	mm	1	1	1	1	1	1	1	1	1	1	1	1
Thermal insulation thickness	mm	87	94	104	114	124	134	144	154	164	174	184	194
<b>U-value</b>	<b>W/m<sup>2</sup>K</b>	<b>0.376</b>	<b>0.352</b>	<b>0.322</b>	<b>0.297</b>	<b>0.275</b>	<b>0.257</b>	<b>0.240</b>	<b>0.226</b>	<b>0.213</b>	<b>0.202</b>	<b>0.192</b>	<b>0.183</b>
<b>Airborne sound insulation</b>	<b>26 dB</b> , element thickness: 165 mm; test surface: 1.9 m <sup>2</sup> (download test reports)												
Weight	kg/m <sup>2</sup>	14.2	14.4	14.5	14.7	14.8	14.9	15.1	15.3	15.4	15.5	15.7	15.8