

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

### UNTREATED

<b>Cover panel and surface</b>	<b>Plywood panel AW100, untreated, 12 mm</b>
<b>Thermal insulation</b>	<b>Expanded polystyrene rigid foam (EPS), 15 kg/m<sup>3</sup>, 76–196 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 100 to 220 mm can be produced</b> For thicknesses below 100 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 100 to 220 mm can be produced. For further U-value calculations, please contact our consultants.

<b>Element thickness</b>	<b>mm</b>	<b>100</b>	<b>110</b>	<b>120</b>	<b>130</b>	<b>140</b>	<b>150</b>	<b>160</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>
Thermal insulation thickness	mm	76	86	96	106	116	126	136
<b>U-value</b>	<b>W/m<sup>2</sup>K</b>	<b>0,425</b>	<b>0,382</b>	<b>0,347</b>	<b>0,318</b>	<b>0,293</b>	<b>0,272</b>	<b>0,254</b>
<b>Airborne sound insulation</b>	<b>26 dB, element thickness: 165 mm; test surface: 1.9 m<sup>2</sup> (download test reports)</b>							
Weight	kg/m <sup>2</sup>	13,1	13,3	13,4	13,6	13,7	13,9	14,0

<b>Element thickness</b>	<b>mm</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>
Thermal insulation thickness	mm	146	156	166	176	186	196
<b>U-value</b>	<b>W/m<sup>2</sup>K</b>	<b>0,238</b>	<b>0,224</b>	<b>0,212</b>	<b>0,201</b>	<b>0,190</b>	<b>0,181</b>
<b>Airborne sound insulation</b>	<b>26 dB, element thickness: 165 mm; test surface: 1.9 m<sup>2</sup> (download test reports)</b>						
Weight	kg/m <sup>2</sup>	14,2	14,3	14,5	14,6	14,8	14,9

## PRIMER FOIL

<b>Cover panel and surface</b>	<b>Plywood panel AW100 with white primer foil, 8 mm</b>
<b>Thermal insulation</b>	<b>Expanded polystyrene rigid foam (EPS), 15 kg/m<sup>3</sup>, 84–202 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 100 to 220 mm can be produced</b> For thicknesses below 100 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 100 to 220 mm can be produced. For further U-value calculations, please contact our consultants.

<b>Element thickness</b>	<b>mm</b>	<b>100</b>	<b>110</b>	<b>120</b>	<b>130</b>	<b>140</b>	<b>150</b>	<b>160</b>
<b>Cover panel thickness</b>	<b>mm</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>
Thermal insulation thickness	mm	84	94	104	114	124	134	144
<b>U-value</b>	<b>W/m<sup>2</sup>K</b>	<b>0,402</b>	<b>0,363</b>	<b>0,332</b>	<b>0,305</b>	<b>0,282</b>	<b>0,263</b>	<b>0,246</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>	12,8	12,9	13,0	13,2	13,3	13,5	13,6

<b>Element thickness</b>	<b>mm</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>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>
Thermal insulation thickness	mm	154	164	174	184	194	204
<b>U-value</b>	<b>W/m<sup>2</sup>K</b>	<b>0,231</b>	<b>0,218</b>	<b>0,206</b>	<b>0,195</b>	<b>0,186</b>	<b>0,177</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>	13,8	13,9	14,1	14,2	14,4	14,5

## 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>, 74–194 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 100 to 220 mm can be produced</b> For thicknesses below 100 mm, see frame extension elements for wooden and wood-metal windows
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Element thicknesses from 100 to 220 mm can be produced. For further U-value calculations, please contact our consultants.

<b>Element thickness</b>	<b>mm</b>	<b>100</b>	<b>110</b>	<b>120</b>	<b>130</b>	<b>140</b>	<b>150</b>	<b>160</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>
Veneer thickness	mm	1	1	1	1	1	1	1
Thermal insulation thickness	<b>mm</b>	74	84	94	104	114	124	134
<b>U-value</b>	<b>W/m<sup>2</sup>K</b>	<b>0,431</b>	<b>0,387</b>	<b>0,351</b>	<b>0,322</b>	<b>0,297</b>	<b>0,275</b>	<b>0,257</b>
<b>Airborne sound insulation</b>	<b>26 dB, element thickness: 165 mm; test surface: 1.9 m<sup>2</sup> (download test reports)</b>							
Weight	kg/m <sup>2</sup>	14,0	14,2	14,3	14,5	14,7	14,8	14,9

<b>Element thickness</b>	<b>mm</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>
Veneer thickness	mm	1	1	1	1	1	1
Thermal insulation thickness	<b>mm</b>	144	154	164	174	184	194
<b>U-value</b>	<b>W/m<sup>2</sup>K</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, element thickness: 165 mm; test surface: 1.9 m<sup>2</sup> (download test reports)</b>						
Weight	kg/m <sup>2</sup>	15,1	15,3	15,4	15,5	15,7	15,8