

## Substructure elements for plastic lifting sliding doors

<b>Cover panel and surface</b>	<b>Integral foam board made of rigid PVC, 19 mm</b>
<b>Thermal insulation</b>	<b>Intensely expanded polystyrene rigid foam (EPS perimeter), 30 kg/m<sup>3</sup>, 52–192 mm</b>
<b>Bonding</b>	Water-resistant D4
<b>Edge milling</b>	<b>All possible CNC edge profile work is performed according to your threshold profile</b>
<b>Thicknesses</b>	<b>Thicknesses from 100 to 240 mm can be produced</b> For thicknesses below 100 mm, see plinth elements for plastic balcony doors
<b>Formats</b>	<b>All formats from 500 × 95 mm to 2988 × 1294 mm can be produced</b>

Element thicknesses from 100 to 240 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>170</b>	<b>180</b>	<b>190</b>	<b>200</b>	<b>210</b>	<b>220</b>	<b>230</b>	<b>240</b>
<b>Cover panel thickness</b>	<b>mm</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>19</b>
Reinforcement	mm	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Thermal insulation thickness	mm	15/37	15/47	15/57	15/67	15/77	15/87	15/97	15/107	15/117	15/127	15/137	15/147	15/157	15/167	15/177
<b>U-value</b>	<b>W/m<sup>2</sup>K</b>	<b>0.411</b>	<b>0.366</b>	<b>0.329</b>	<b>0.299</b>	<b>0.274</b>	<b>0.253</b>	<b>0.235</b>	<b>0.220</b>	<b>0.206</b>	<b>0.194</b>	<b>0.183</b>	<b>0.173</b>	<b>0.165</b>	<b>0.157</b>	<b>0.150</b>
Weight	kg/m <sup>2</sup>	28.9	29.2	29.5	29.8	30.1	30.4	30.7	31.0	31.3	31.6	31.9	32.2	32.5	32.8	33.1

<b>Cover panel and surface</b>	<b>Polyurethane board, mildew- and rot-resistant, 26 mm</b>
<b>Thermal insulation</b>	<b>Intensely expanded polystyrene rigid foam (EPS perimeter), 30 kg/m<sup>3</sup>, 48–188 mm</b>
<b>Bonding</b>	Water-resistant D3 (EN 204-D3)
<b>Edge milling</b>	<b>All possible CNC edge profile work is performed according to your threshold profile</b>
<b>Thicknesses</b>	<b>Thicknesses from 100 to 240 mm can be produced</b> For thicknesses below 100 mm, see plinth elements for wooden and wood-metal balcony doors
<b>Formats</b>	<b>All formats from 500 × 95 mm to 3588 × 1294 mm can be produced</b>

Element thicknesses from 100 to 240 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>170</b>	<b>180</b>	<b>190</b>	<b>200</b>	<b>210</b>	<b>220</b>	<b>230</b>	<b>240</b>
Cover panel thickness	mm	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
Thermal insulation thickness	mm	48	58	68	78	88	98	108	118	128	138	148	158	168	178	188
<b>U-value</b>	<b>W/m<sup>2</sup>K</b>	<b>0.433</b>	<b>0.383</b>	<b>0.343</b>	<b>0.311</b>	<b>0.284</b>	<b>0.262</b>	<b>0.242</b>	<b>0.226</b>	<b>0.211</b>	<b>0.199</b>	<b>0.187</b>	<b>0.177</b>	<b>0.168</b>	<b>0.160</b>	<b>0.153</b>
Weight	kg/m <sup>2</sup>	30.0	30.3	30.6	30.9	31.2	31.5	31.8	32.1	32.4	32.7	33.0	33.3	33.6	33.9	34.2