

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

**UNTREATED**

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

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

<b>Element thickness</b>	<b>mm</b>	<b>40</b>	<b>50</b>	<b>54</b>	<b>58</b>	<b>64</b>	<b>68</b>	<b>70</b>	<b>74</b>	<b>80</b>	<b>84</b>	<b>94</b>	<b>104</b>	<b>112</b>
<b>Thickness cover panel</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>	<b>12</b>
Thickness thermal insulation	mm	16	26	30	34	40	44	46	50	56	60	70	80	88
<b>U-value</b>	<b>W/m²K</b>	<b>0.952</b>	<b>0.674</b>	<b>0.603</b>	<b>0.546</b>	<b>0.478</b>	<b>0.441</b>	<b>0.425</b>	<b>0.396</b>	<b>0.359</b>	<b>0.337</b>	<b>0.294</b>	<b>0.261</b>	<b>0.239</b>
<b>Airborne sound insulation</b>	<b>28 dB</b> , element thickness: 54 mm; test surface: 2.3 m² (download test reports)													
Weight	kg/m²	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

<b>Cover panel and surface</b>	<b>Plywood board AW100, with primer foil, 9 mm</b>
<b>Thermal insulation</b>	<b>PUR rigid foam, 32 kg/m<sup>3</sup>, 22–94 mm</b> Other types of thermal insulation like expanded rigid polystyrene foam with graphite additive (EPS lambda), glass wool, cork, etc., available
<b>Bonding</b>	Water-resistant D3 (EN 204-D3)
<b>Edge band</b>	<b>Spruce, circumferential</b> (PEFC-certified) Other types of wood available; 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 like cut-outs, round and segment arches or surface finishing like ventilation slots or surface grooves are also possible
<b>Thicknesses</b>	<b>Thicknesses from 40 mm to 112 mm can be produced</b> For thicknesses as from 113 mm, see extension elements for wooden lifting sliding doors For thicknesses below 40 mm, see infill for wooden windows
<b>Formats</b>	<b>All formats from 500 × 95 mm to 2988 × 1294 mm can be produced</b>

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

<b>Element thickness</b>	<b>mm</b>	<b>40</b>	<b>50</b>	<b>54</b>	<b>58</b>	<b>64</b>	<b>68</b>	<b>70</b>	<b>74</b>	<b>80</b>	<b>84</b>	<b>94</b>	<b>104</b>	<b>112</b>
<b>Thickness cover panel</b>	<b>mm</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>
Thickness thermal insulation	mm	22	32	36	40	46	50	52	56	62	66	67	68	94
<b>U-value</b>	<b>W/m<sup>2</sup>K</b>	<b>0.801</b>	<b>0.594</b>	<b>0.538</b>	<b>0.492</b>	<b>0.436</b>	<b>0.405</b>	<b>0.392</b>	<b>0.367</b>	<b>0.335</b>	<b>0.316</b>	<b>0.278</b>	<b>0.248</b>	<b>0.228</b>
<b>Airborne sound insulation</b>	<b>28 dB</b> , element thickness: 54 mm; test surface: 2.3 m <sup>2</sup> (download test reports)													
Weight	kg/m <sup>2</sup>	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

<b>Cover panel and surface</b>	<b>Plywood board AW100, 12 mm, with real wood veneer, 1 mm</b> 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)
<b>Thermal insulation</b>	<b>PUR rigid foam, 32 kg/m<sup>3</sup>, 14–86 mm</b> Other types of thermal insulation like expanded rigid polystyrene foam with graphite additive (EPS lambda), glass wool, cork, etc., available
<b>Bonding</b>	Water-resistant D3 (EN 204-D3)
<b>Edge band</b>	<b>Spruce, circumferential</b> (PEFC-certified) Other types of wood available; 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 like cut-outs, round and segment arches or surface finishing like ventilation slots or surface grooves are also possible
<b>Thicknesses</b>	<b>Thicknesses from 40 mm to 112 mm can be produced</b> For thicknesses as from 113 mm, see extension elements for wooden lifting sliding doors For thicknesses below 40 mm, see infill for wooden windows
<b>Formats</b>	<b>All formats from 500 × 95 mm to 3088 × 1294 mm can be produced</b>

Element thicknesses from 40 mm to 112 mm can be produced. For further U-value calculations, please contact our consultants.														
<b>Element thickness</b>	<b>mm</b>	<b>40</b>	<b>50</b>	<b>54</b>	<b>58</b>	<b>64</b>	<b>68</b>	<b>70</b>	<b>74</b>	<b>80</b>	<b>84</b>	<b>94</b>	<b>104</b>	<b>112</b>
<b>Thickness cover panel</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>	<b>12</b>
Veneer thickness	mm	1	1	1	1	1	1	1	1	1	1	1	1	1
Thickness thermal insulation	mm	14	24	28	32	38	42	44	48	54	58	68	78	86
<b>U-value</b>	<b>W/m<sup>2</sup>K</b>	<b>1.024</b>	<b>0.709</b>	<b>0.631</b>	<b>0.569</b>	<b>0.495</b>	<b>0.456</b>	<b>0.438</b>	<b>0.407</b>	<b>0.368</b>	<b>0.346</b>	<b>0.301</b>	<b>0.266</b>	<b>0.243</b>
<b>Airborne sound insulation</b>	<b>28 dB</b> , element thickness: 54 mm; test surface: 2.3 m <sup>2</sup> (download test reports)													
Weight	kg/m <sup>2</sup>	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