

## Infill for wooden and wood-metal windows

### Sound insulation

#### UNTREATED

<b>Cover panel and surface</b>	<b>Plywood board AW100, untreated, 6.5 mm</b>
<b>Thermal insulation</b>	<b>Glass wool, 20 kg/m<sup>3</sup>, 12 – 75 mm</b>
<b>Sound insulation</b>	<b>1 piece of heavy bitumen foil, 5 mm</b>
<b>Bonding</b>	Water-resistant D3 (EN 204-D3)
<b>Edge band</b>	<b>Spruce, circumferential</b> (PEFC-certified) 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, round and segment arches or surface finishing such as ventilation slots or surface grooves are also possible
<b>Thicknesses</b>	<b>Thicknesses from 21 mm to 93 mm can be produced</b>
<b>Formats</b>	<b>All formats from 500 × 95 mm to 2988 × 1294 mm can be produced</b>

All element thicknesses from 21 mm to 93 mm can be produced. For further U-value calculations, please contact our consultants.

<b>Element thickness</b>	<b>mm</b>	<b>30</b>	<b>35</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>70</b>	<b>80</b>	<b>93</b>
<b>Cover board thickness</b>	<b>mm</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>
Thermal insulation thickness	mm	12	17	22	32	42	52	62	75
Sound insulation thickness	mm	5	5	5	5	5	5	5	5
<b>U-value</b>	<b>W/m<sup>2</sup>K</b>	<b>1.636</b>	<b>1.326</b>	<b>1.115</b>	<b>0.846</b>	<b>0.681</b>	<b>0.570</b>	<b>0.490</b>	<b>0.415</b>
<b>Airborne sound insulation</b>	<b>40 dB</b> , element thickness: 40 mm; test surface: 1.9 m <sup>2</sup> (download test reports)								
Weight	kg/m <sup>2</sup>	19.6	19.7	19.8	20.0	20.2	20.4	20.6	20.8

#### PRIMER FOIL

<b>Cover panel and surface</b>	<b>Plywood board AW100 with white primer foil, 6.5 mm</b>
<b>Thermal insulation</b>	<b>Glass wool, 20 kg/m<sup>3</sup>, 12 – 75 mm</b>
<b>Sound insulation</b>	<b>1 piece of heavy bitumen foil, 5 mm</b>
<b>Bonding</b>	Water-resistant D3 (EN 204-D3)
<b>Edge band</b>	<b>Spruce, circumferential</b> (PEFC-certified) 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, round and segment arches or surface finishing such as ventilation slots or surface grooves are also possible
<b>Thicknesses</b>	<b>Thicknesses from 21 mm to 93 mm can be produced</b>
<b>Formats</b>	<b>All formats from 500 × 95 mm to 2988 × 1294 mm can be produced</b>

All element thicknesses from 21 mm to 93 mm can be produced. For further U-value calculations, please contact our consultants.

<b>Element thickness</b>	<b>mm</b>	<b>30</b>	<b>35</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>70</b>	<b>80</b>	<b>93</b>
<b>Cover board thickness</b>	<b>mm</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>
Thermal insulation thickness	mm	12	17	22	32	42	52	62	75
Sound insulation thickness	mm	5	5	5	5	5	5	5	5
<b>U-value</b>	<b>W/m<sup>2</sup>K</b>	<b>1.636</b>	<b>1.326</b>	<b>1.115</b>	<b>0.846</b>	<b>0.681</b>	<b>0.570</b>	<b>0.490</b>	<b>0.415</b>
<b>Airborne sound insulation</b>	<b>40 dB</b> , element thickness: 40 mm; test surface: 1.9 m <sup>2</sup> (download test reports)								
Weight	kg/m <sup>2</sup>	19.6	19.7	19.8	20.0	20.2	20.4	20.6	20.8

## VENEERED

<b>Cover panel and surface</b>	<b>Birch plywood board AW100, 6.5 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>Glass wool, 20 kg/m<sup>3</sup>, 10 – 73 mm</b>
<b>Sound insulation</b>	<b>1 piece of heavy bitumen foil, 5 mm</b>
<b>Bonding</b>	Water-resistant D3 (EN 204-D3)
<b>Edge band</b>	<b>Spruce, circumferential</b> (PEFC-certified) 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, round and segment arches or surface finishing such as ventilation slots or surface grooves are also possible
<b>Thicknesses</b>	<b>Thicknesses from 23 mm to 93 mm can be produced</b>
<b>Formats</b>	<b>All formats from 500 × 95 mm to 2988 × 1294 mm can be produced</b>

All element thicknesses from 21 mm to 93 mm can be produced. For further U-value calculations, please contact our consultants.

<b>Element thickness</b>	<b>mm</b>	<b>30</b>	<b>35</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>70</b>	<b>80</b>	<b>93</b>
<b>Cover board thickness</b>	<b>mm</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>
Veneer thickness	mm	1	1	1	1	1	1	1	1
Thermal insulation thickness	mm	10	15	20	30	40	50	60	73
Sound insulation thickness	mm	5	5	5	5	5	5	5	5
<b>U-value</b>	<b>W/m<sup>2</sup>K</b>	<b>1.777</b>	<b>1.417</b>	<b>1.179</b>	<b>0.882</b>	<b>0.704</b>	<b>0.586</b>	<b>0.502</b>	<b>0.423</b>
<b>Airborne sound insulation</b>	<b>40 dB</b> , element thickness: 40 mm; test surface: 1.9 m <sup>2</sup> (download test reports)								
Weight	kg/m <sup>2</sup>	20.7	20.8	20.9	21.1	21.3	21.5	21.7	22.0