

## Ventilation flaps for wooden and wood-metal windows

### Sound insulation

#### PLYWOOD, UNTREATED

<b>Cover panel and surface</b>	Plywood panel AW100, untreated, 6.5 mm							
<b>Thermal insulation</b>	PUR rigid foam, 32 kg/m <sup>3</sup> , 17–89 mm							
<b>Sound insulation</b>	2 pieces of heavy bitumen foil, 5 mm							
<b>Bonding</b>	Water-resistant D3 (EN 204-D3)							
<b>Edge band</b>	Finger-jointed laminated spruce pine, circumferential (PEFC-certified) Other types of wood available; special edge bands can be inset according to your requirements							
<b>Edge milling</b>	Preassembled							
<b>Thicknesses</b>	Thicknesses from 40 to 112 mm can be produced							
<b>Formats</b>	All formats from 500 × 200 mm to 2988 × 1194 mm can be produced							
<b>Element thickness</b>	mm	<b>64</b>	<b>68</b>	<b>70</b>	<b>74</b>	<b>80</b>	<b>84</b>	<b>92</b>
<b>Cover panel thickness</b>	mm	<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	41	45	47	51	57	61	69
Sound insulation thickness	mm	2 × 5	2 × 5	2 × 5	2 × 5	2 × 5	2 × 5	2 × 5
<b>U-value</b>	W/m <sup>2</sup> K	<b>0.485</b>	<b>0.447</b>	<b>0.431</b>	<b>0.401</b>	<b>0.363</b>	<b>0.341</b>	<b>0.305</b>
<b>Airborne sound insulation</b>	<b>36 dB</b> , element thickness: 70 mm; test surface: 0.71 m <sup>2</sup> (download test reports)							
Weight	kg/m <sup>2</sup>	30.7	30.8	30.9	31.0	31.2	31.3	32.0

#### PLYWOOD, WITH PRIMER FOIL

<b>Cover panel and surface</b>	Plywood panel AW100 with white primer foil, 6.5 mm							
<b>Thermal insulation</b>	PUR rigid foam, 32 kg/m <sup>3</sup> , 17–89 mm							
<b>Sound insulation</b>	2 pieces of heavy bitumen foil, 5 mm							
<b>Bonding</b>	Water-resistant D3 (EN 204-D3)							
<b>Edge band</b>	Finger-jointed laminated spruce pine, circumferential (PEFC-certified) Other types of wood available; special edge bands can be inset according to your requirements							
<b>Edge milling</b>	Preassembled							
<b>Thicknesses</b>	Thicknesses from 40 to 112 mm can be produced							
<b>Formats</b>	All formats from 500 × 95 mm to 2988 × 1194 mm can be produced							
<b>Element thickness</b>	mm	<b>64</b>	<b>68</b>	<b>70</b>	<b>74</b>	<b>80</b>	<b>84</b>	<b>92</b>
<b>Cover panel thickness</b>	mm	<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	41	45	47	51	57	61	69
Sound insulation thickness	mm	2 × 5	2 × 5	2 × 5	2 × 5	2 × 5	2 × 5	2 × 5
<b>U-value</b>	W/m <sup>2</sup> K	<b>0.485</b>	<b>0.447</b>	<b>0.431</b>	<b>0.404</b>	<b>0.363</b>	<b>0.341</b>	<b>0.305</b>
<b>Airborne sound insulation</b>	<b>36 dB</b> , element thickness: 70 mm; test surface: 0.71 m <sup>2</sup> (download test reports)							
Weight	kg/m <sup>2</sup>	30.7	30.8	30.9	31.0	31.2	31.3	32.0

## PLYWOOD, VENEERED

<b>Cover panel and surface</b>	<b>Birch plywood panel AW100, 6.5 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>	PUR rigid foam, 32 kg/m <sup>3</sup> , 15–87 mm							
<b>Sound insulation</b>	2 pieces of heavy bitumen foil, 5 mm							
<b>Bonding</b>	Water-resistant D3 (EN 204-D3)							
<b>Edge band</b>	<b>Finger-jointed laminated spruce pine, circumferential</b> (PEFC-certified) Other types of wood available; special edge bands can be inset according to your requirements							
<b>Edge milling</b>	Preassembled							
<b>Thicknesses</b>	Thicknesses from 40 to 112 mm can be produced							
<b>Formats</b>	All formats from 500 × 200 mm to 2988 × 1194 mm can be produced							
<b>Element thickness</b>	<b>mm</b>	<b>64</b>	<b>68</b>	<b>70</b>	<b>74</b>	<b>80</b>	<b>84</b>	<b>92</b>
<b>Cover panel 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>
Veneer thickness	mm	1	1	1	1	1	1	1
Thermal insulation thickness	mm	39	43	45	49	55	59	67
Sound insulation thickness	mm	2 × 5	2 × 5	2 × 5	2 × 5	2 × 5	2 × 5	2 × 5
<b>U-value</b>	<b>W/m<sup>2</sup>K</b>	<b>0.503</b>	<b>0.462</b>	<b>0.445</b>	<b>0.413</b>	<b>0.373</b>	<b>0.350</b>	<b>0.312</b>
<b>Airborne sound insulation</b>	<b>36 dB</b> , element thickness: 70 mm; test surface: 0.71 m <sup>2</sup> (download test reports)							
Weight	kg/m <sup>2</sup>	31.5	31.7	31.7	31.9	32.1	32.2	33.5

## ROCKPANEL

<b>Cover panel and surface</b>	<b>Rockpanel board, 8 mm</b>							
<b>Thermal insulation</b>	PUR rigid foam, 32 kg/m <sup>3</sup> , 19–91 mm							
<b>Sound insulation</b>	1 piece of heavy bitumen foil, 5 mm							
<b>Bonding</b>	Water-resistant D3 (EN 204-D3)							
<b>Edge band</b>	<b>Finger-jointed laminated spruce pine, circumferential</b> (PEFC-certified) Other types of wood available; special edge bands can be inset according to your requirements							
<b>Edge milling</b>	Preassembled							
<b>Thicknesses</b>	Thicknesses from 40 to 112 mm can be produced							
<b>Formats</b>	All formats from 500 × 200 mm to 3038 × 1194 mm can be produced							
<b>Element thickness</b>	<b>mm</b>	<b>64</b>	<b>68</b>	<b>70</b>	<b>74</b>	<b>80</b>	<b>84</b>	<b>92</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	43	47	49	53	59	63	71
Sound insulation thickness	mm	1 × 5	1 × 5	1 × 5	1 × 5	1 × 5	1 × 5	1 × 5
<b>U-value</b>	<b>W/m<sup>2</sup>K</b>	<b>0.477</b>	<b>0.441</b>	<b>0.424</b>	<b>0.395</b>	<b>0.358</b>	<b>0.337</b>	<b>0.302</b>
<b>Airborne sound insulation</b>	<b>41 dB</b> , element thickness: 70 mm; test surface: 0.71 m <sup>2</sup> (download test reports)							
Weight	kg/m <sup>2</sup>	28.2	28.3	28.4	28.5	28.7	28.8	29.7