Technical details

FRINORM®

Infill for wooden and wood-metal windows
Standard

UNTREATED

Cover panel and surface	Plywood board AW100, untreated, 6.5 mm
Thermal insulation	**PUR rigid foam, 32 kg/m³, 8–80 mm** Other types of thermal insulation like expanded rigid polystyrene foam with graphite additive (EPS lambda), glass wool, cork, etc., available
Bonding	Water-resistant D3 (EN 204-D3)
Edge band	**Spruce, circumferential** (PEFC-certified) Other types of wood available; special edge bands can be inset according to your requirements
Edge milling	**All possible CNC edge profile work is performed on all sides according to your profile specifications** Special CNC processing like cut-outs, round and segment arches or surface finishing like ventilation slots or surface grooves are also possible
Thicknesses	**Thicknesses from 21 mm to 93 mm can be produced**
Formats	**All formats from 500 × 95 mm to 2988 × 1294 mm can be produced**

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

Element thickness	**mm**	**21**	**23**	**25**	**28**	**30**	**35**	**40**	**50**	**60**	**70**	**80**	**93**
Thickness cover panel	**mm**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**
Thickness thermal insulation	mm	8	10	12	15	17	22	27	37	47	57	67	80
U-value	**W/m²K**	**1.650**	**1.443**	**1.282**	**1.099**	**1.003**	**0.823**	**0.698**	**0.536**	**0.435**	**0.365**	**0.315**	**0.268**
Airborne sound insulation	**28 dB,** element thickness: 40 mm; test surface: 1.9 m² (download test reports)												
Weight	kg/m²	9.6	9.7	9.7	9.8	9.9	10.1	10.2	10.5	10.8	11.2	11.5	11.9

PRIMER FOIL

Cover panel and surface	Plywood board AW100 with white primer foil, 6.5 mm
Thermal insulation	**PUR rigid foam, 32 kg/m³, 8–80 mm** Other types of thermal insulation like expanded rigid polystyrene foam with graphite additive (EPS lambda), glass wool, cork, etc., available
Bonding	Water-resistant D3 (EN 204-D3)
Edge band	**Spruce, circumferential** (PEFC-certified) Other types of wood available; special edge bands can be inset according to your requirements
Edge milling	**All possible CNC edge profile work is performed on all sides according to your profile specifications** Special CNC processing like cut-outs, round and segment arches or surface finishing like ventilation slots or surface grooves are also possible
Thicknesses	**Thicknesses from 21 mm to 93 mm can be produced**
Formats	**All formats from 500 × 95 mm to 2988 × 1294 mm can be produced**

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

Element thickness	**mm**	**21**	**23**	**25**	**28**	**30**	**35**	**40**	**50**	**60**	**70**	**80**	**93**
Thickness cover panel	**mm**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**
Thickness thermal insulation	mm	8	10	12	15	17	22	27	37	47	57	67	80
U-value	**W/m²K**	**1.650**	**1.443**	**1.282**	**1.099**	**1.003**	**0.823**	**0.698**	**0.536**	**0.435**	**0.365**	**0.315**	**0.268**
Airborne sound insulation	**28 dB,** element thickness: 40 mm; test surface: 1.9 m² (download test reports)												
Weight	kg/m²	9.6	9.7	9.7	9.8	9.9	10.1	10.2	10.5	10.8	11.2	11.5	11.9

VENEERED

Cover panel and surface	**Birch plywood board AW100, 6.5 mm, with real wood veneer, 1 mm** 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)
Thermal insulation	**PUR rigid foam, 32 kg/m³, 8–78 mm** Other types of thermal insulation like expanded rigid polystyrene foam with graphite additive (EPS lambda), glass wool, cork, etc., available
Bonding	Water-resistant D3 (EN 204-D3)
Edge band	**Spruce, circumferential** (PEFC-certified) Other types of wood available; special edge bands can be inset according to your requirements
Edge milling	**All possible CNC edge profile work is performed on all sides according to your profile specifications** Special CNC processing like cut-outs, round and segment arches or surface finishing like ventilation slots or surface grooves are also possible
Thicknesses	**Thicknesses from 23 mm to 93 mm can be produced**
Formats	**All formats from 500 × 95 mm to 2988 × 1294 mm can be produced**

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

Element thickness	**mm**	**23**	**25**	**28**	**30**	**35**	**40**	**50**	**60**	**70**	**80**	**93**
Thickness cover panel	**mm**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**	**6.5**
Veneer thickness	mm	1	1	1	1	1	1	1	1	1	1	1
Thickness thermal insulation	mm	8	10	13	15	20	25	35	45	55	65	78
U-value	**W/m²K**	**1.613**	**1.414**	**1.195**	**1.082**	**0.876**	**0.736**	**0.557**	**0.449**	**0.376**	**0.323**	**0.273**
Airborne sound insulation	**28 dB,** element thickness: 40 mm; test surface: 1.9 m² (download test reports)											
Weight	kg/m²	10.6	10.6	10.7	10.8	10.9	11.1	11.4	11.7	12.0	12.4	12.8

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