

Substructure elements for plastic balcony doors

Cover panel and surface	Plywood panel IW67, 12 mm, rigid PVC, white, 1.5 mm
Thermal insulation	Intensely expanded polystyrene rigid foam (EPS perimeter), 30 kg/m³, 13–72 mm
Bonding	Water-resistant D3 (EN 204-D3)
Edge milling	All possible CNC edge profile work is performed on all sides according to your profile specifications
Thicknesses	Thicknesses from 40 to 99 mm can be produced For thicknesses from 100 mm, see plinth elements for plastic lifting sliding doors
Formats	All formats from 500 × 95 mm to 3088 × 994 mm can be produced

Element thicknesses from 40 to 99 mm can be produced. For further U-value calculations, please contact our consultants.

Element thickness	mm	40	50	60	70	80	90	99
Cover panel thickness	mm	12	12	12	12	12	12	12
Rigid PVC thickness	mm	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Thermal insulation thickness	mm	13	23	33	43	53	63	72
U-value	W/m²K	1.305	0.935	0.729	0.597	0.506	0.438	0.392
Weight	kg/m ²	16.7	17.0	17.3	17.6	17.9	18.2	18.5

Cover panel and surface	Integral foam board made of rigid PVC, 10 mm
Thermal insulation	Intensely expanded polystyrene rigid foam (EPS perimeter), 30 kg/m³, 20–79 mm
Bonding	Water-resistant D4 (EN 204-D4)
Edge milling	All possible CNC edge profile work is performed on all sides according to your profile specifications
Thicknesses	Thicknesses from 40 to 99 mm can be produced For thicknesses from 100 mm, see plinth elements for plastic lifting sliding doors
Formats	All formats from 500 × 95 mm to 2988 × 1294 mm can be produced

Element thicknesses from 40 to 99 mm can be produced. For further U-value calculations, please contact our consultants.

Element thickness	mm	40	50	60	70	80	90	99
Cover panel thickness	mm	10	10	10	10	10	10	10
Thermal insulation thickness	mm	20	30	40	50	60	70	79
U-value	W/m²K	0.942	0.733	0.600	0.507	0.440	0.388	0.351
Weight	kg/m ²	18.8	19.1	19.4	19.7	20.0	20.3	20.6