

Sandwich elements for plastic

WHITE

Cover panel and surface	Unplasticised PVC, colour available from Veka or Kömmerling, <u>1.5 mm</u>
Thermal insulation	PUR rigid foam, 32 kg/m ³ , 11–53 mm Other types of thermal insulation like intensely expanded rigid polystyrene foam (EPS perimeter), 30 kg/m ³ , available
Bonding	Water-resistant D4 (EN 204-D4)
Edge milling	Trimmed edges
Thicknesses	Thicknesses from 14 mm to 56 mm can be produced
Formats	2988 × 1214 mm (for cuts to specifications, see infill for plastic windows)

Element thicknesses from 14 mm to 56 mm can be produced. For further U-value calculations, please contact our consultants.

Element thickness	mm	14	16	18	20	22	24	26	28	30	32	34	36	38	40	50	56
Thickness cover panel	mm	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Thickness thermal insulation	mm	11	13	15	17	19	21	23	25	27	29	31	33	35	37	47	53
U-value	W/m ² K	1.502	1.328	1.190	1.079	0.986	0.908	0.842	0.784	0.734	0.690	0.651	0.616	0.585	0.556	0.448	0.401
Weight	kg/m ²	4.6	4.7	4.8	4.8	4.9	5.0	5.0	5.1	5.2	5.2	5.3	5.3	5.4	5.5	5.8	6.0

Cover panel and surface	Unplasticised PVC, colour available from Veka, Kömmerling or Finstral, <u>4 mm</u>
Thermal insulation	PUR rigid foam, 32 kg/m ³ , 12–54 mm Other types of thermal insulation like intensely expanded rigid polystyrene foam (EPS perimeter), 30 kg/m ³ , available
Bonding	Water-resistant D4 (EN 204-D4)
Edge milling	Trimmed edges
Thicknesses	Thicknesses from 20 mm to 62 mm can be produced
Formats	1988 × 994 mm, 2988 × 1194 mm, 3588 × 1194 mm (for cuts to specifications, see infill for plastic windows)

Element thicknesses from 20 mm to 62 mm can be produced. For further U-value calculations, please contact our consultants.

Element thickness	mm	20	22	24	26	28	30	32	34	36	38	40	50	60	62
Thickness cover panel	mm	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Thickness thermal insulation	mm	12	14	16	18	20	22	24	26	28	30	32	42	52	54
U-value	W/m ² K	1.348	1.206	1.092	0.997	0.917	0.850	0.792	0.741	0.696	0.656	0.621	0.489	0.403	0.389
Weight	kg/m ²	11.8	11.9	11.9	12.0	12.1	12.2	12.2	12.3	12.3	12.4	13.5	13.8	13.1	13.4

RENOLIT FOIL

Cover panel and surface	Unplasticised PVC with Renolit foil, 4 mm (all colours available)
Thermal insulation	PUR rigid foam, 32 kg/m³, 12–54 mm Other types of thermal insulation like intensely expanded rigid polystyrene foam (EPS perimeter), 30 kg/m ³ , available
Bonding	Water-resistant D4 (EN 204-D4)
Edge milling	Trimmed edges
Thicknesses	Thicknesses from 20 mm to 62 mm can be produced
Formats	2988 x 1294 mm (for cuts to specifications, see infill for plastic windows)

Element thicknesses from 20 mm to 62 mm can be produced. For further U-value calculations, please contact our consultants.

Element thickness	mm	20	22	24	26	28	30	32	34	36	38	40	50	60	62
Thickness cover panel	mm	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Thickness thermal insulation	mm	12	14	16	18	20	22	24	26	28	30	32	42	52	54
U-value	W/m²K	1.348	1.206	1.092	0.997	0.917	0.850	0.792	0.741	0.696	0.656	0.621	0.489	0.403	0.389
Weight	kg/m ²	11.8	11.9	11.9	12.0	12.1	12.2	12.2	12.3	12.3	12.4	13.5	13.8	13.1	13.4