

## Frame extension elements for plastic windows Standard

### WHITE

<b>Cover panel and surface</b>	Unplasticised PVC, colour available from Veka, Kömmerling or Finstral, 4 mm
<b>Thermal insulation</b>	Expanded rigid polystyrene foam with graphite additive (EPS lambda), 25 kg/m <sup>3</sup> , 32–104 mm Other types of thermal insulation like PUR rigid foam, glass wool, etc., available
<b>Bonding</b>	Water-resistant D4 (EN 204-D4)
<b>Edge band</b>	Plywood IW67, circumferential or on the long edges
<b>Edge milling</b>	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
<b>Thicknesses</b>	Thicknesses from 40 mm to 112 mm can be produced For thicknesses as from 113 mm, see extension elements for plastic lifting sliding doors For thicknesses below 40 mm, see infill for plastic windows
<b>Formats</b>	All formats from 500 × 95 mm to 3588 × 1294 mm can be produced

Element thicknesses from 40 mm to 112 mm can be produced. For further U-value calculations, please contact our consultants.

Element thickness	mm	40	50	54	58	60	68	70	76	80	86	90	100	112
<b>Thickness cover panel</b>	mm	4	4	4	4	4	4	4	4	4	4	4	4	4
Thickness thermal insulation	mm	32	42	46	50	52	60	62	68	72	78	82	92	104
<b>U-value</b>	W/m <sup>2</sup> K	0.756	0.599	0.554	0.514	0.497	0.437	0.424	0.390	0.370	0.344	0.328	0.295	0.263
<b>Airborne sound insulation</b>	34 dB, element thickness: 58 mm; test surface: 1.9 m <sup>2</sup> (download test reports)													
Weight	kg/m <sup>2</sup>	12.2	12.5	12.6	12.7	12.7	12.9	13.0	13.1	13.2	13.4	13.5	13.7	14.0

## RENOLIT FOIL

<b>Cover panel and surface</b>	<b>Unplasticised PVC with Renolit foil, 4 mm (all colours available)</b>
<b>Thermal insulation</b>	<b>Expanded rigid polystyrene foam with graphite additive (EPS lambda), 25 kg/m<sup>3</sup>, 32–104 mm</b> Other types of thermal insulation like PUR rigid foam, glass wool, etc., available
<b>Bonding</b>	Water-resistant D4 (EN 204-D4)
<b>Edge band</b>	<b>Plywood IW67, circumferential or on the long edges</b>
<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 like cut-outs, round and segment arches or surface finishing like ventilation slots or surface grooves are also possible
<b>Thicknesses</b>	<b>Thicknesses from 40 mm to 112 mm can be produced</b> For thicknesses as from 113 mm, see extension elements for plastic lifting sliding doors For thicknesses below 40 mm, see infill for plastic windows
<b>Formats</b>	<b>All formats from 500 × 95 mm to 2988 × 1294 mm can be produced</b>

All element thicknesses from 40 mm to 112 mm can be produced. For further U-value calculations, please contact our consultants.

<b>Element thickness</b>	<b>mm</b>	<b>40</b>	<b>50</b>	<b>54</b>	<b>58</b>	<b>60</b>	<b>68</b>	<b>70</b>	<b>76</b>	<b>80</b>	<b>86</b>	<b>90</b>	<b>100</b>	<b>112</b>
<b>Thickness cover panel</b>	<b>mm</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>
Thickness thermal insulation	mm	32	42	46	50	52	60	62	68	72	78	82	92	104
<b>U-value</b>	<b>W/m<sup>2</sup>K</b>	<b>0.756</b>	<b>0.599</b>	<b>0.554</b>	<b>0.514</b>	<b>0.497</b>	<b>0.437</b>	<b>0.424</b>	<b>0.390</b>	<b>0.370</b>	<b>0.344</b>	<b>0.328</b>	<b>0.295</b>	<b>0.263</b>
<b>Airborne sound insulation</b>	<b>34 dB</b> , element thickness: 58 mm; test surface: 1.9 m <sup>2</sup> (download test reports)													
Weight	kg/m <sup>2</sup>	12.2	12.5	12.6	12.7	12.7	12.9	13.0	13.1	13.2	13.4	13.5	13.7	14.0