

Frame extension elements for fire protection windows EI 30

UNTREATED

Cover panel and surface	Cement-bonded chipboard, untreated, 18 mm
Thermal insulation	Rock wool, 30 kg/m³, 18–76 mm
Bonding	Water-resistant D3 (EN 204-D3)
Edge band	Oak, 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
Thicknesses	Thicknesses from 54 mm to 112 mm can be produced
Formats	All formats from 545 × 95 mm to 3088 × 1244 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	54	58	64	68	70	74	80	84	94	104	112
Thickness cover panel	mm	18	18	18	18	18	18	18	18	18	18	18
Thickness thermal insulation	mm	18	22	28	32	34	38	44	48	58	68	76
U-value	W/m²K	1.340	1.175	0.991	0.898	0.857	0.786	0.699	0.651	0.556	0.485	0.440
Airborne sound insulation	33 dB , element thickness: 54 mm; test surface: 2.3 m ² (download test reports)											
Weight	kg/m ²	43.7	43.9	44.0	44.2	44.2	44.3	44.5	44.6	44.9	45.2	45.5

VENEERED

Cover panel and surface	Cement-bonded chipboard, 18 mm, with real oak veneer, 1 mm FSC- or PEFC-certified, veneer quality A/B (inside A/outside B) or A/A (inside A/outside A)
Thermal insulation	Rock wool, 30 kg/m³, 16–74 mm
Bonding	Water-resistant D3 (EN 204-D3)
Edge band	Oak, 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
Thicknesses	Thicknesses from 54 mm to 112 mm can be produced
Formats	All formats from 545 × 95 mm to 3088 × 1244 mm can be produced

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Element thickness	mm	54	58	64	68	70	74	80	84	94	104	112
Thickness cover panel	mm	18	18	18	18	18	18	18	18	18	18	18
Veneer thickness	mm	1	1	1	1	1	1	1	1	1	1	1
Thickness thermal insulation	mm	16	20	26	30	32	36	42	46	56	66	74
U-value	W/m²K	1.422	1.238	1.035	0.934	0.890	0.814	0.721	0.670	0.569	0.495	0.449
Airborne sound insulation	33 dB , element thickness: 54 mm; test surface: 2.3 m ² (download test reports)											
Weight	kg/m ²	45.1	45.2	45.4	45.5	45.5	45.7	45.8	46.0	46.3	46.6	46.8