

Basic Information

Total element



Rooflight dome closed



Rooflight dome in SHEV position



Glazing U_G up
to 1,3 W/m²K

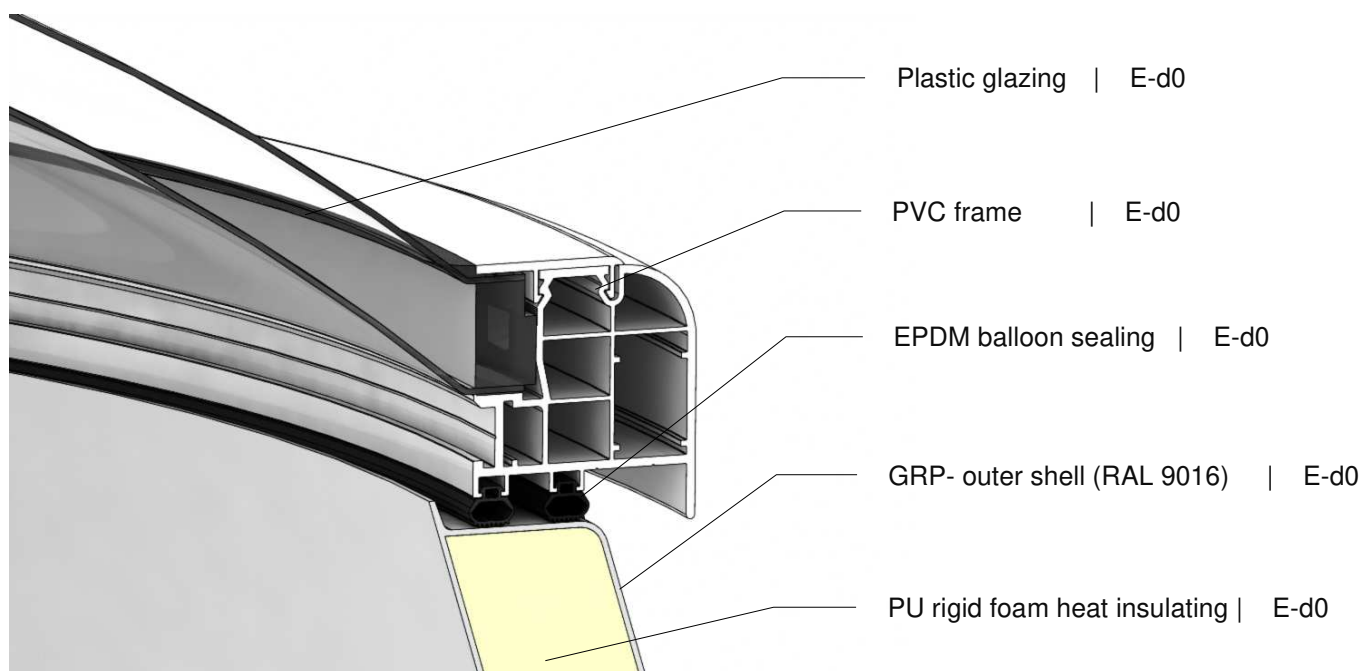


Waterproof
according to
EN 1873



UL up to 5,5 KN/m²
according to
EN 1873

Materials and building material classes



Basic Information

Glazings

Type	Material	External sheet	Middle sheet	Internal sheet	Light transmission τ [%]	Total energy transmittance g [%]	Noise insulation $R_{w,p}$ [dB]	Heat transition U_t [W/m²K]	Reaction to fire performance (EN 13501-1)	External fire performance (EN 13501-5)	Impact resistance, large soft body (EN 1873)	Hail resistance class (tightness)	Hail resistance class (light transmission)
double glazing	plastic	opal	–	opal	58%	58%	24	2,7	E, d0	F_{ROOF}	–	–	–
	plastic	opal	–	clear	68%	68%	24	2,7	E, d0	F_{ROOF}	–	–	–
	plastic	clear	–	clear	81%	81%	24	2,7	E, d0	F_{ROOF}	–	–	–
	plastic	heatstop	–	opal	39%	29%	24	2,7	E, d0	F_{ROOF}	–	–	–
	plastic impact resistant	opal	–	opal	56%	56%	24	2,6	B-s1, d0	F_{ROOF}	–	HW5	HW5
	plastic impact resistant	opal	–	clear	66%	66%	24	2,6	B-s1, d0	F_{ROOF}	–	HW5	HW5
	plastic impact resistant	clear	–	opal	66%	66%	24	2,6	B-s1, d0	F_{ROOF}	–	HW5	HW5
	plastic impact resistant	clear	–	clear	77%	77%	24	2,6	B-s1, d0	F_{ROOF}	–	HW5	HW5
	plastic impact resistant + plastic	opal	–	opal	63%	63%	24	2,7	E, d0	F_{ROOF}	–	HW5	HW5
triple glazing	plastic	opal	opal	opal	44%	44%	24	1,8	E, d0	F_{ROOF}	–	–	–
	plastic	opal	clear	opal	52%	52%	24	1,8	E, d0	F_{ROOF}	–	–	–
	plastic	opal	clear	clear	62%	62%	24	1,8	E, d0	F_{ROOF}	–	–	–
	plastic	clear	clear	clear	73%	73%	24	1,8	E, d0	F_{ROOF}	–	–	–
	plastic	heatstop	opal	opal	29%	22%	24	1,8	E, d0	F_{ROOF}	–	–	–
	plastic impact resistant	opal	opal	opal	42%	42%	24	1,8	E, d0	F_{ROOF}	–	HW5	HW5
	plastic impact resistant	opal	clear	opal	50%	50%	24	1,8	E, d0	F_{ROOF}	–	HW5	HW5
	plastic impact resistant	opal	clear	clear	58%	58%	24	1,8	E, d0	F_{ROOF}	–	HW5	HW5
	plastic impact resistant	clear	clear	clear	68%	68%	24	1,8	E, d0	F_{ROOF}	–	HW5	HW5
	plastic impact resistant + plastic	opal	opal	opal	53%	53%	24	1,8	E, d0	F_{ROOF}	–	HW5	HW5
double plastic + PC16-6	plastic + PC	opal	clear	PC16-6 opal	19%	19%	24	1,3	E, d0	F_{ROOF}	–	–	–
	plastic + PC	clear	clear	PC16-6 clear	46%	46%	24	1,3	E, d0	F_{ROOF}	–	–	–
	plastic + PC	opal	clear	PC16-6 clear	39%	39%	24	1,3	E, d0	F_{ROOF}	–	–	–
double plastic impact resistant + PC16-6	plastic impact resistant + PC	opal	clear	PC16-6 opal	18%	31%	24	1,3	B-s1, d0	F_{ROOF}	–	HW5	HW5
	plastic impact resistant + PC	clear	clear	PC16-6 clear	44%	49%	24	1,3	B-s1, d0	F_{ROOF}	–	HW5	HW5
	plastic impact resistant + PC	opal	clear	PC16-6 clear	37%	42%	24	1,3	B-s1, d0	F_{ROOF}	–	HW5	HW5



Double glazing construction



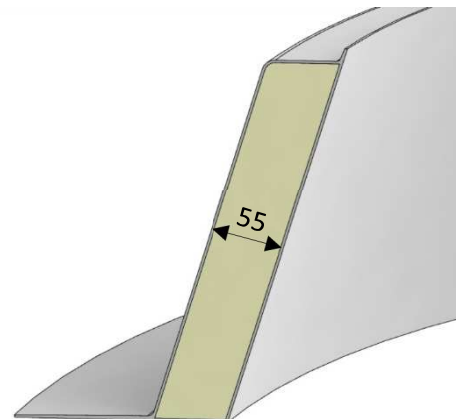
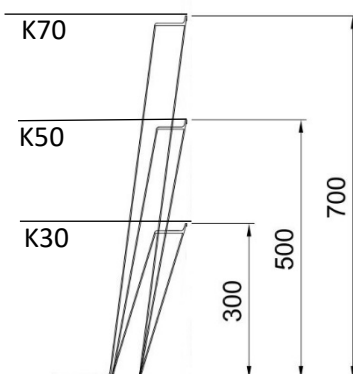
Triple glazing construction



Double glazing construction + PC16

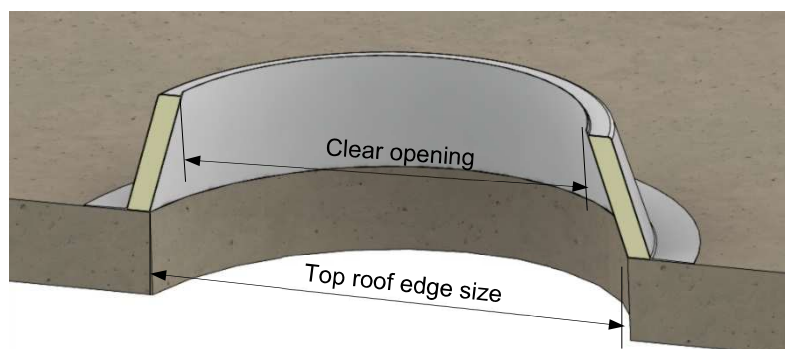
Basic Information

Upstand



We recommend using liquid plastic to connect the seal to round upstands.

Sizes



Available sizes for K30 / K50 / K70	
Top roof edge (cm)	clear opening (cm)
Ø60	Ø54
Ø80	Ø62
Ø90	Ø72
Ø100	Ø82
Ø120	Ø102
Ø150	Ø132
Ø180	Ø162

Weights

Top roof edge (cm)	Upper part			Upstand		
	Plastic double	Plastic triple	Plastic double + PC16	K30	K50	K70
Ø60	6 kg	7 kg	7 kg	9 kg	13 kg	18 kg
Ø80	8 kg	10 kg	9 kg	11 kg	16 kg	20 kg
Ø90	10 kg	12 kg	11 kg	13 kg	17 kg	23 kg
Ø100	11 kg	14 kg	13 kg	14 kg	19 kg	25 kg
Ø120	15 kg	19 kg	18 kg	16 kg	22 kg	30 kg
Ø150	22 kg	28 kg	26 kg	20 kg	27 kg	37 kg
Ø180	38 kg	47 kg	44 kg	25 kg	33 kg	46 kg

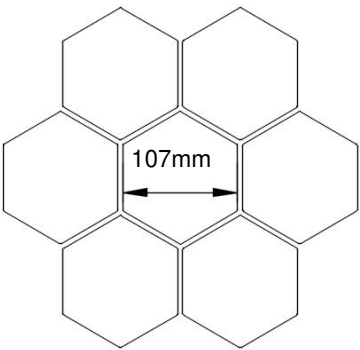
Basic Information

Fall-trough proof grill

- tested up to 600J



Top view of stitch pattern



Variants

1



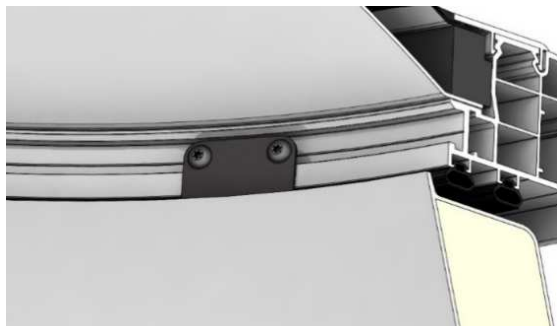
- 24V Spindle drive
- 24V Spindle drive + external power supply LA-2 (= 230V)

Both types always with covert cable routing

Top roof edge size	Ø60	Ø80	Ø90	Ø100	Ø120	Ø150	Ø180
Lifting	300mm	300mm	300mm	500mm	500mm	500mm	750mm
Version	solo	solo	solo	solo	solo	solo	tandem
Type	Jo65	Jo65	Jo65	Jo65	Jo65	Jo100	Jo100
Ageo	0,23m ²	0,29m ²	0,34m ²	0,53m ²	0,80m ²	1,04m ²	1,90m ²

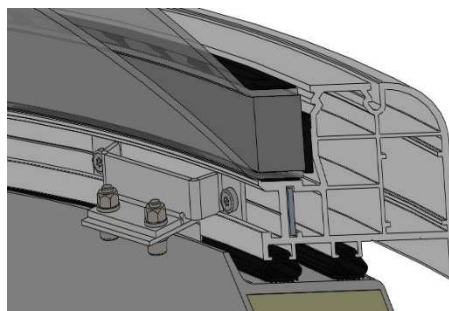
Basic Information

2



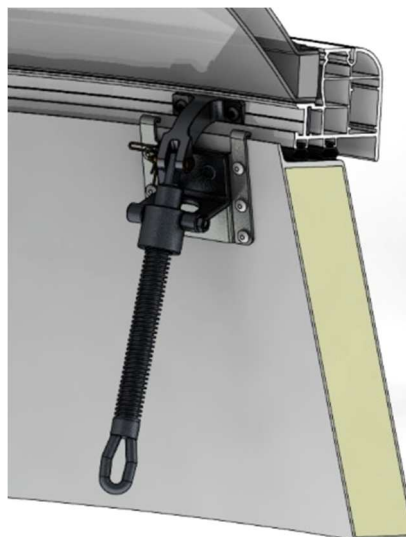
Rigidly locked (Ventilation function NOT retrofittable)

3



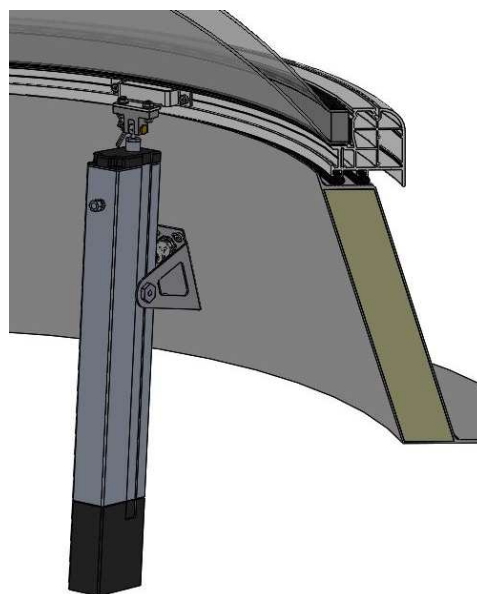
locked (Ventilation function retrofittable)

4



hand spindle
for OKD 60-80-100-120

5



230V Spindle drive SP8
only 300mm stroke
for OKD 60-80-90-100-120-150