

PC 2540-10



Product properties

Building width	500 mm	
Thickness	40 mm	
Weight	approx. 4.2 kg/m ²	
Structure	10 layers / 9 chambers	
U _p -value	1.0 W/m ² K vertical 1.0 W/m ² K horizontal	
Sound insulation value	R _w = 22 dB	
Flammability classification	B-s1, d0	
Light transmission value	crystal	approx. 48 %
	opal	approx. 25 %
Solar gain value g	crystal	approx. 50 %
	opal	approx. 38 %
UV admission	< 1 %, wavelengths until 380 nm stopped almost a 100 %	
Coefficient of linear expansion	0.065 mm/m/°C	
ETA	19/0452	
aBG	Z-10.19-835	
Standard colours	crystal and opal	
Color version	Coloured in one colour similar to RAL. The coloured version can be delivered with a minimum quantity of 300 m ² without separate surcharges for colour change.	



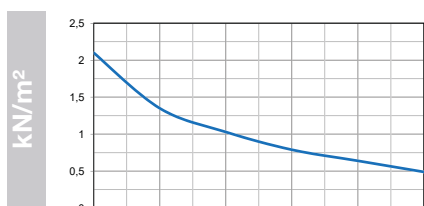
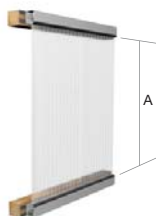
Fastener

Fastener AF50 (item no.: 49404050)	50 mm height	
Fastener AF100 (item no.: 494040100)	100 mm height	

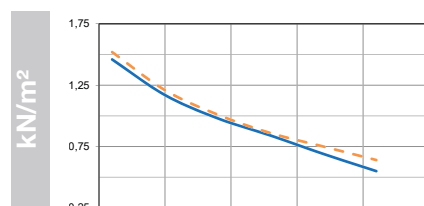
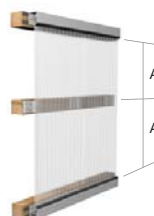
Production tolerances s. general information

Span charts

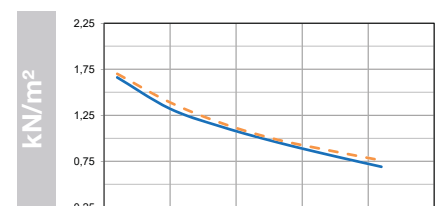
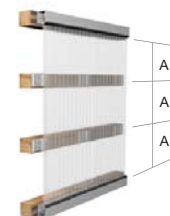
The diagrams below show recommended span widths depending on the type of installation. The values are only valid in connection with original Rodeca system accessories and may not be used as a substitute for project-related static calculations.



distance A in m



distance A in m



distance A in m

Overview TBE 40-60mm

PC 2540-4



Width: 500 mm
Thickness: 40 mm
Up-value: 1.4 W/m²K*

Colours:
crystal / opal / BiColor

PC 2540-4-MC



Width: 500 mm
Thickness: 40 mm
Up-value: 1.5 W/m²K*

Colours:
crystal / opal

PC 2540-6



Width: 500 mm
Thickness: 40 mm
Up-value: 1.2 W/m²K*

Colours:
crystal / opal
Color / DecoStripe

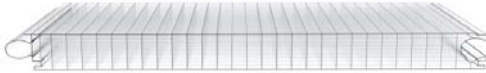
PC 2540-7



Width: 500 mm
Thickness: 40 mm
Up-value: 1.1 W/m²K*

Colours:
crystal / opal
DecoColor

PC 2540-10



Width: 500 mm
Thickness: 40 mm
Up-value: 1.0 W/m²K*

Colours:
crystal / opal
Color

PC 2540-10 DX - PC 2540-10 DX HI



Width: 495 mm
Thickness: 40 mm
Up-value: 1.1 W/m²K*

Colours:
crystal / opal
DuoColor

PC 2550-10



Width: 495 mm
Thickness: 50 mm
Up-value: 0.9 W/m²K*

Colours:
crystal / opal
Color / DuoColor

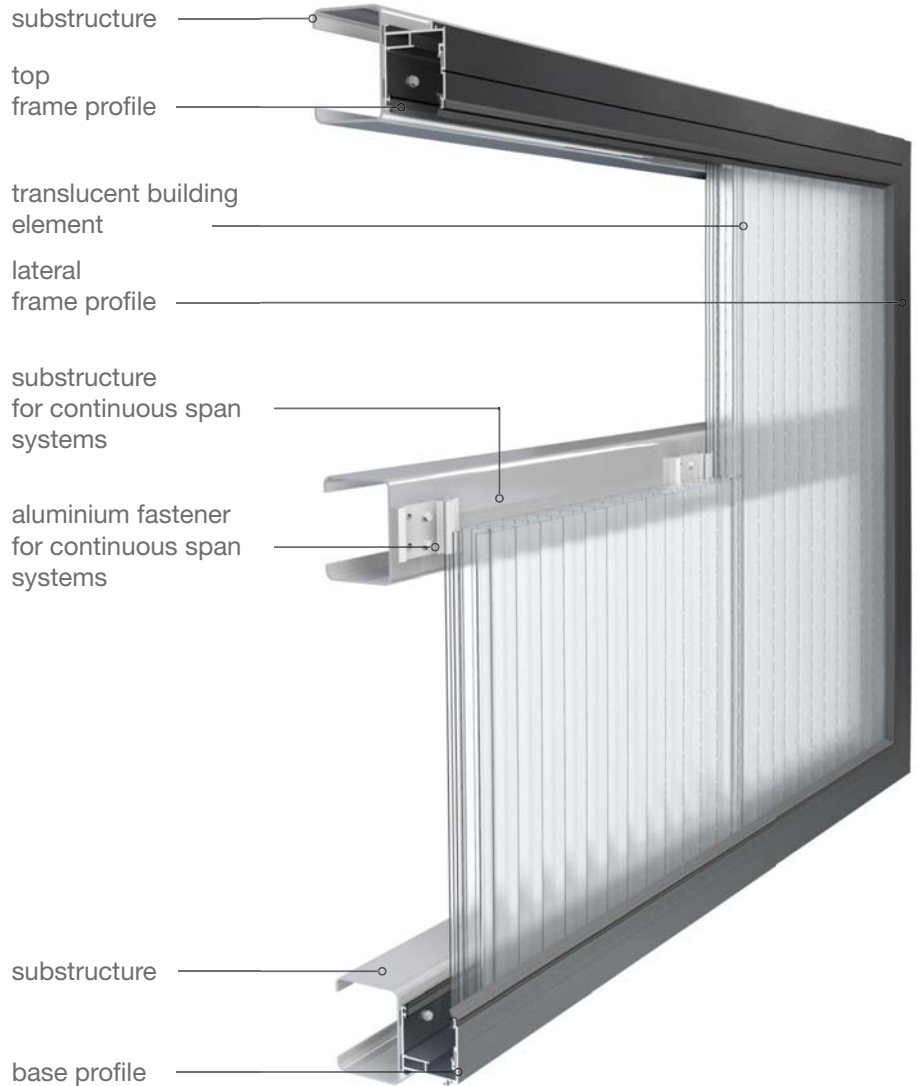
PC 2560-12



Width: 500 mm
Thickness: 60 mm
Up-value: 0.75 W/m²K*

Colours:
crystal / opal
Color / DuoColor

*U_p-Value vertical application



Mounting situations

Depending on structural conditions, translucent building elements can be installed with or without aluminium fasteners in reveal, as rainscreen, or as pitched rainscreen with a minimum inclination of 15° from horizontal.



Installation in reveal



Rainscreen installation



Pitched rainscreen installation