

PC 2540-6 DecoStripe





Product properties

Building width	500 mm
Thickness	40 mm
Weight	approx. 4.2 kg/m ²
Structure	6 layers / 5 chambers
U _p -value	1.2 W/m ² K vertical 1.2 W/m ² K horizontal
Sound insulation value	R _w = 20 dB
Flammability classification	B-s1, d0
Light transmission value	crystal-white stripes approx. 17 % crystal-black stripes approx. 6 %
Solar gain value g	crystal-white stripes approx. 31 % crystal-black stripes approx. 27 %
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	base panel: crystal, with shifted stripes in opaque white on both sides base panel: crystal, with shifted stripes in in matt black on both sides

Production tolerances s. general information

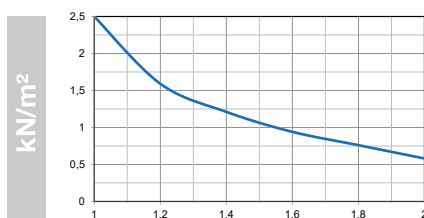
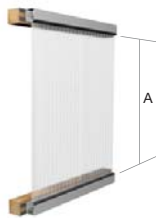


Fastener

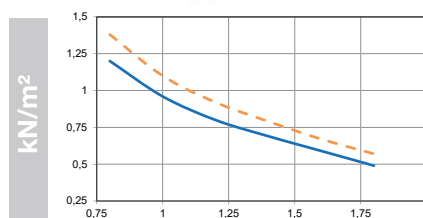
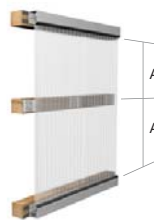
Fastener AF50 (item no.: 49404050)	50 mm height	
Fastener AF100 (item no.: 494040100)	100 mm height	

Span charts

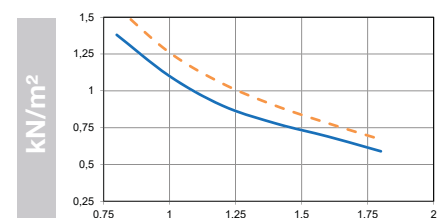
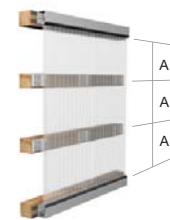
The diagrams below show recommended span widths depending on the type of installation. The values are only valid in connection with original Rodeca system accessories and may not be used as a substitute for project-related static calculations.



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

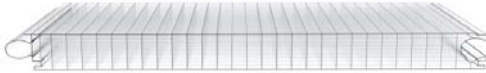
PC 2540-7



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

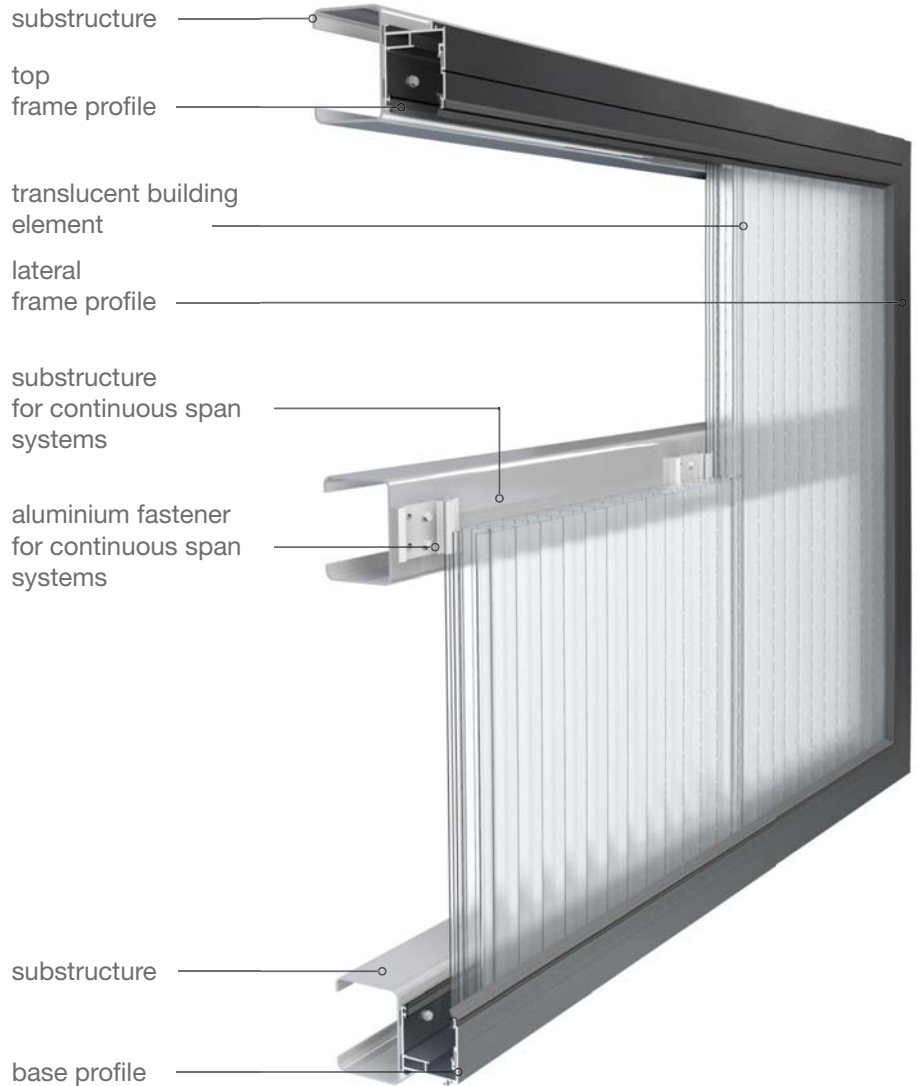
PC 2560-12



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