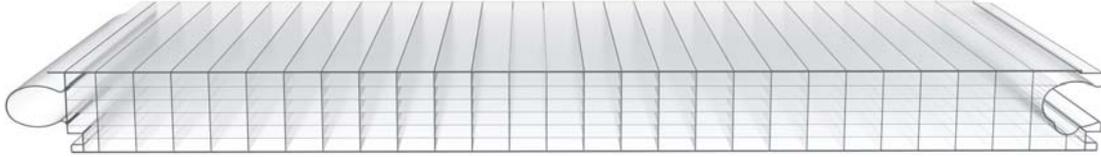


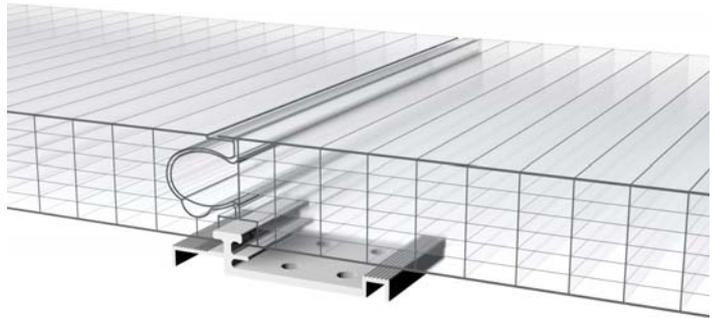
PC 2540-7



Product properties

| | | |
|---------------------------------|--|--------------|
| Building width | 500 mm | |
| Thickness | 40 mm | |
| Weight | approx. 4.3 kg/m ² | |
| Structure | 7 layers / 6 chambers | |
| U _p -value | 1.1 W/m ² K vertical 1.2 W/m ² K horizontal | |
| Sound insulation value | R _w = 22 dB | |
| Flammability classification | B-s1, d0 | |
| Light transmission value | crystal | approx. 55 % |
| | opal | approx. 25 % |
| Solar gain value g | crystal | approx. 56 % |
| | opal | approx. 39 % |
| 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 | |
| Colours | crystal and opal | |

Production tolerances s. general information



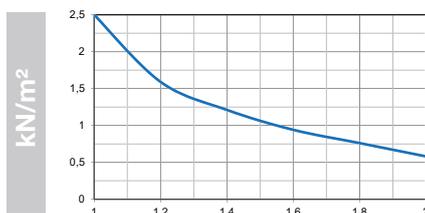
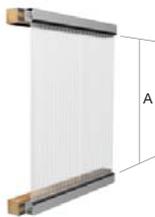
Fastener

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

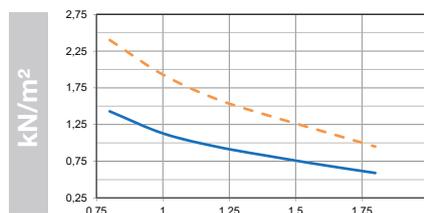
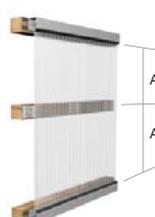
Span charts

The diagrams below show recommended span widths depending on the type of installation.

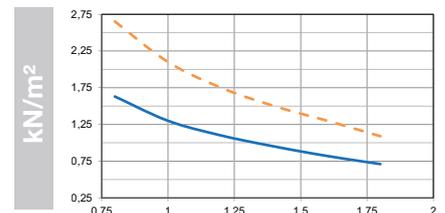
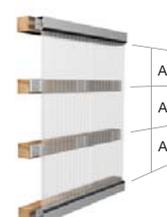
The values are only valid in connection with original Rodeca system accessories and may not be used as a substitute for project-related static calculations.



distance A in m



distance A in m



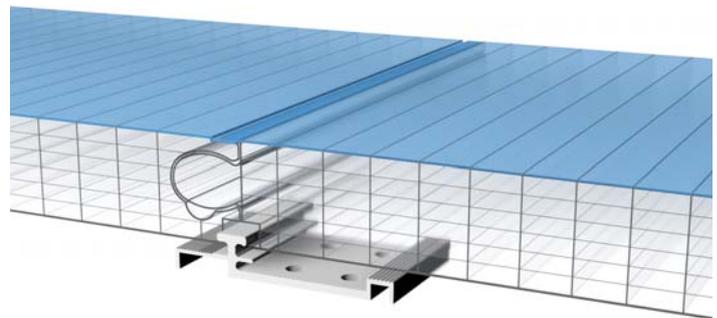
distance A in m

PC 2540-7 DecoColor



Product properties

| | | |
|---------------------------------|---|--------------|
| Building width | 500 mm | |
| Thickness | 40 mm | |
| Weight | approx. 4.3 kg/m ² | |
| Structure | 7 layers / 6 chambers | |
| U _p -value | 1.1 W/m ² K vertical 1.2 W/m ² K horizontal | |
| Sound insulation value | R _w = 22 dB | |
| Flammability classification | B-s1, d0 | |
| Light transmission value | heatbloc S / opal | approx. 22 % |
| | opal / crystal | approx. 31 % |
| | titan grey / opal | approx. 7 % |
| Solar gain value g | heatbloc S / opal | approx. 31 % |
| | opal / crystal | approx. 40 % |
| | titan grey / opal | approx. 21 % |
| 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 | |
| DecoColor version | two coloured version of the transparent building elements (outer coloured layer) The DecoColor version can be delivered with a minimum quantity of 150 m ² without separate surcharges for colour change. | |



Fastener

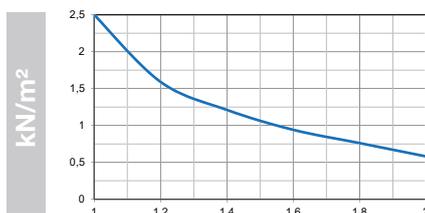
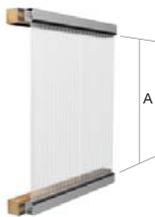
| | | |
|--------------------------------------|---------------|--|
| Fastener AF50 (item no.: 49404050) | 50 mm height | |
| Fastener AF100 (item no.: 494040100) | 100 mm height | |

Production tolerances s. general information

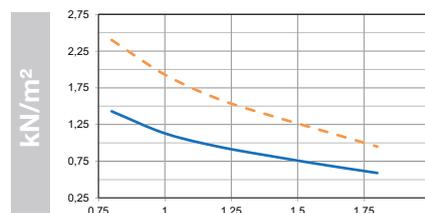
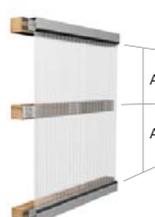
Span charts

The diagrams below show recommended span widths depending on the type of installation.

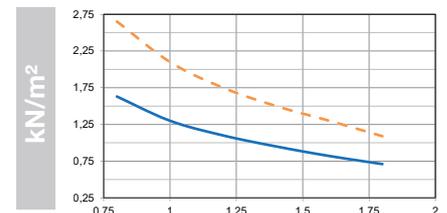
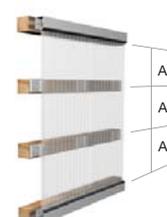
The values are only valid in connection with original Rodeca system accessories and may not be used as a substitute for project-related static calculations.



distance A in m



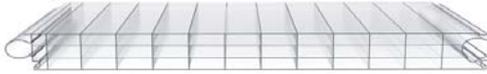
distance A in m



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

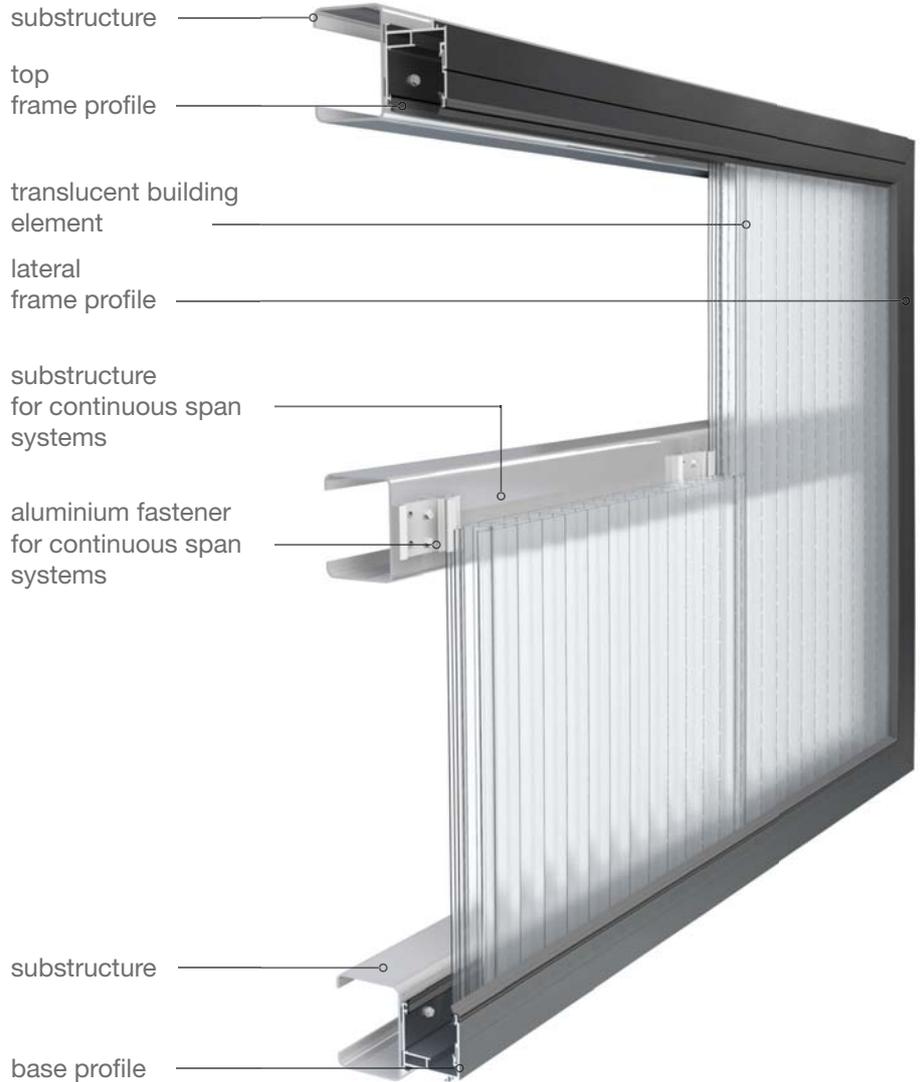
PC 2560-12



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