



Translucent Building Elements

Lichtbauelemente



TRANSLUCENT BUILDING ELEMENTS

Translucent Building Elements



Multi Wall Sheets
Hohlkammerscheiben



Multi Function Panels
Multi - Funktions-Paneele



Translucent Building Elements

Advantages

- Polycarbonate is a crystal clear, high impact thermoplastic
- Temperature resistance from -40 to +115°C, temporarily up to 130°C
- Impact resistance virtually unchanged within these temperatures
- Good long term performance through UV protection
- 10 years warranty against yellowing - ageing - hail stone
- Translucent with excellent thermal properties

Applications

- Glazings
- Sports and industrial halls
- Roofing construction
- Northern Lights
- Window glazing
- Interior applications, e. g. partition walls or exhibition stand constructions
- Refurbishments for wall and roof
- Rain screens
- Curtain facades

Available thicknesses/ manufacturing program

30	Panel	Up-value W/m ² K**	Weight per kg/m ²	Building width (mm)
	2333-30-6	1.3 - 1.4 W/m ² K	approx. 3.0 kg/m ²	333 (-2/+6mm)

PC 2333-30-6

Colours:
Standard: crystal / opal



Color version: from 300 m²

40	Panel	Up-value W/m ² K**	Weight in kg/m ²	Building width (mm)
	2540-4	1.3 - 1.5 W/m ² K	approx. 4.0 kg/m ²	500 (-2/+6mm)
	2540-4 MC	1.3 - 1.6 W/m ² K	approx. 4.0 kg/m ²	500 (-2/+6mm)
	2540-6	1.1 - 1.2 W/m ² K	approx. 4.2 kg/m ²	500 (-2/+6mm)
	2540-7	1.0 - 1.1 W/m ² K	approx. 4.3 kg/m ²	500 (-2/+6mm)
	2540-10	1.0 W/m ² K	approx. 4.2 kg/m ²	500 (-2/+6mm)
	2540-10 DX	1.1 W/m ² K	approx 4.6 kg/m ²	495 (-2/+6mm)

PC 2540-4

Colours:
Standard: crystal / opal / BiColor*
*Upon request both sides UV-coextrusion possible



Color version: from 300 m²
BiColor version: from 150 m²

PC 2540-4 MC

Colours:
Standard: crystal / opal



Color version: from 300 m²

PC 2540-6

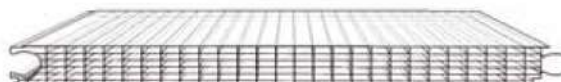
Colours:
Standard: crystal / opal / color*



Color version: from 300 m²

PC 2540-7

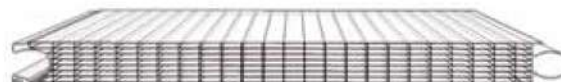
Colours:
Standard: crystal / opal/ DecoColor*
*Upon request both sides UV-coextrusion possible



Color version: from 450 m²
DecoColor version: from 150 m²

PC 2540-10

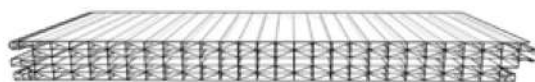
Colours:
Standard: crystal / opal



Color version: from 300 m²

PC 2540-10 DX

Colours:
Standard: crystal / opal



Color version: from 300 m²
DuoColor version: from 300 m²





RT-Thermolight
RT-Thermolight



U-Panels
U-Paneele



Windows
Fenster



Do it yourself
Do it yourself

50

Panel	Up-value W/m^2K^{**}	Weight per kg/m^2	Building width (mm)
2550-10	0.80 - 0.92 W/m^2K	approx. 5.0 kg/m^2	495 (-2/+6mm)

PC 2550-10



Colours:

Standard: crystal / opal / color*

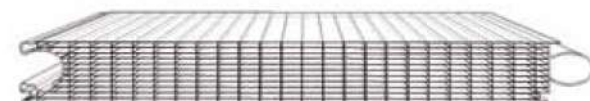
DuoColor version: from 300 m^2

Color version: from 300 m^2

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Panel	Up-value W/m^2K^{**}	Weight per kg/m^2	Building width (mm)
2560-12	0.71 - 0.77 W/m^2K	approx. 5.8 kg/m^2	500 (-2/+6mm)

PC 2560-12



Colours:

Standard: crystal / opal

DuoColor version: from 300 m^2

Color version: from 300 m^2

Product versions

Color version: fully coloured panel



BiColor version: colouring of the inner layer



DecoColor version: colouring of the outer layer



DuoColor version: colouring of approx. one half of the panel



* Minimum quantities, other colour combinations and our versatile product versions can be viewed in our technical manuals.

** Up-values

Depending on horizontal or vertical installation situation as interior or exterior application according to DIN EN ISO 6946:2008/ DIN EN ISO 10077-2:2008

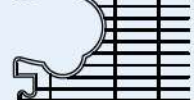
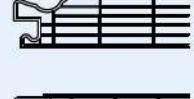
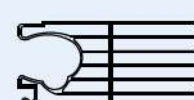
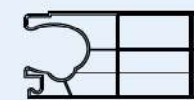
Panels



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