

NUDEC® PC Prismatic

NUDEC® PC Prismatic sheets are clear transparent polycarbonate sheets with a patterned surface on one side. This product is a very good solution for indoor and outdoor lighting projects (UV protected version), as it disperses light evenly and efficiently. They offer a high impact strength and resist to a wide range of temperatures compared to other currently available products. In addition, they have an excellent fire resistance.

Characteristics

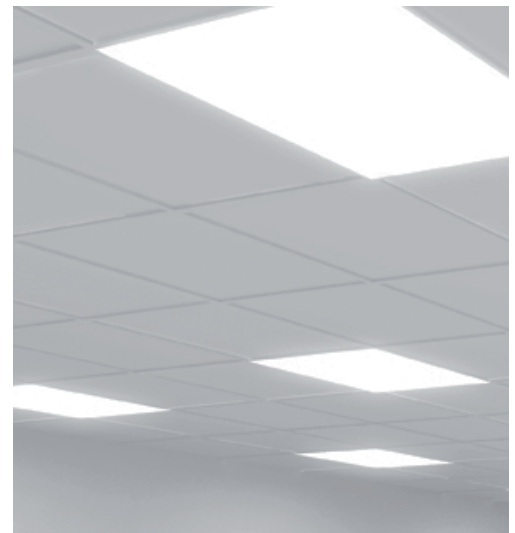
- Good light diffusion
- Excellent weathering resistance and UV stability (both sides UVP version)
- Resistant to a wide range of temperatures (up to 120 °C)
- High impact strength
- Excellent fire performance
- Thermoformable (pre-drying is required)



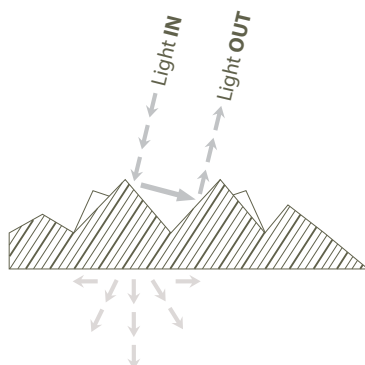
Technical data

Polymer	Polycarbonate
Pattern	Ref. 16
Thickness	3,0 mm (± 5%)
Maximum width	1.250 mm
UV stability	Good (UVP version)
Impact resistance	Excellent
Maximum Operating Temperature	120 °C
Softening temperature VICAT (50 N)	151 °C

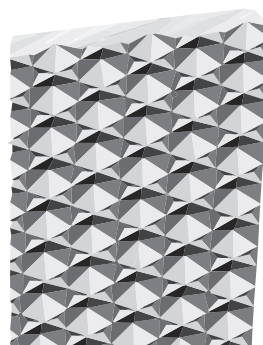
These data correspond to raw material values.



Cross section



Overhead view



Detailed view

