

Technical file

Pevelux® corrugated translucent PVC

General product description:

The Pevelux® corrugated sheets are developed for inclined applications where light transmission and solidity are primordial. E.g. for translucent roofs in the industry, for shelters, sheds, inner tracks, sports centres. They are particularly UV stable and impact resistant.

The sheet is particularly suited for outside use.

The sheets must always be held in stock horizontally and protected from the sun by a white foil. Never pile up over 0.4 m. The sheets must be protected from heat sources.

Specific characteristics:

TYPE	STANDARD	H.R. (HIGH RESISTANCE)
Impact resistance	650 kJ/m ²	± 900 kJ/m ²
Light transmission (EN1013-1)	clear opal	80% 65 %
Minimum inclination	76/18 : 14° (25%) G76/18 : 8,5° (15%) 177/51 : 5° (9%)	76/18 : 14° (25%) G76/18 : 8,5° (15%) 177/51 : 5° (9%)
Coefficient of conductivity	0,14 W/m°C	0,14 W/m°C
U-value	5,7 W/m ² K	5,7 W/m ² K
E-modulus	3300 N/mm ²	3300 N/mm ²
Minimum bending radius	height wave x 200	height wave x 200
Dilatation coefficient	0,060 mm/m.K	0,060 mm/m.K
Density	1,36 – 1,42 kg/dm ³	1,36 – 1,42 kg/dm ³
Processing temperature	60°C	60°C

Guarantee (terms on request):

- Light transmission 10 years
- Hail PVC Standard : none
PVC HR : 5 years (after test)

Attestations and certificates:

Fire rating M1
B2 (DIN4102)