

DESCRIPTION

Crystal coextruded polycarbonate or white opal



ADVANTAGES

- Installation speed
- Avoid alkaline yellowing
- Longer life, high durability
- Excellent natural illumination
- Lightning protection
- Can be curved
- High resistance against impact
- Energy savings

MECHANICAL PROPERTIES

Material properties	Values	Units
<i>Coefficient of elasticity</i>	22.000	daN/cm ²
<i>Coefficient of expansion</i>	6,5 x 10 ⁻⁵	m/m° C
<i>Thermal conductivity</i>	0,16	W/m° C
Mechanical properties	Values	Units
<i>Moment of Inertia</i>	30,72	cm ⁴
<i>Weight</i>	1,6	Kg/m ²
<i>Resistance ot hail</i>	>70	m/s
<i>Impact Resistance</i>	1200	Jules

Characteristics of Luminosity	
Light Transmission	
Transparent	85%
Intense green	60%
Intense blue	40%
Opal White	30%
Pale blue	60%
Medium Thickness	

FIRE RESISTANCE

Polycarbonate is classified in accordance with UNE-EN 13501-1:2002

- Euro Class B s1 d0

USE AND APPLICATIONS

Metal sheet or panel roofing
Decorative false ceilings or insulating
Illuminations bands.

Vertical elements
Fiber-cement roofing

INSTALATIONS RECOMMENDATIONS

The installation of the polycarbonate sheets must be made in accordance with the "Technical Dossier of Free Standing Roofs (Point 4.3.)".

- The maximum recommended distance should be 1,50 mt. between purlins
- The diameter of the drill should be 6 mm. greater than the shank of the screw .
- The polycarbonate eave should not be longer than 200 mm.
- The overlapping should be placed against the wind stream
- It is not recommended walking on the polycarbonate sheets directly
- The minimum slopes should be ranged between 5-15% (consult NTE-QT- Tejados sintéticos).

The fixings should be made through hooks, salomon screw and self screwing.

RANGE

Colours

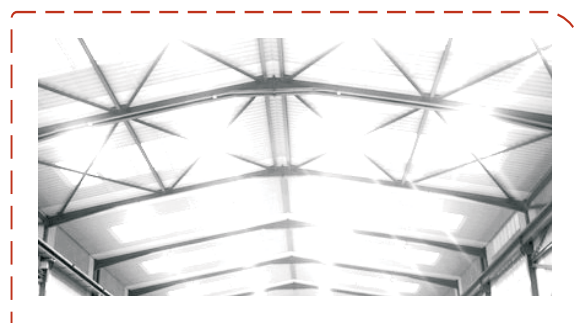
- Opal White polycarbonate
- Light transmitting polycarbonate

Gama de Perfiles:

- INCOPOL 30.5. (*INCO 30.5.*)
- INCOPOL 44.4. (*INCO 44.4.*)
- INCOPOL 70.4. (*INCO 70.4*)

		Admisible Loads (kp/m ²)			
		INCOLUX 30.4	INCOLUX 30.5	INCOLUX 44.4	INCOLUX 44.6 Corrugated
Distance between purlins	80	119	127	298	300
	90	83	90	209	211
	100	61	65	152	154
	110	46	49	115	115
	120	35	38	88	89
	130	28	30	69	70
	140	22	24	56	56
	150	18	19	45	46

Profile	Slope
P5/30/210/1050	> 10%
P4/44/245/980	> 10%
P4/70/210/840	> 10%



The information given in this chart is merely for orienting you and it is based on the experience and the tests made by SABILIT EUROPA.

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