

TECHNICAL FILE

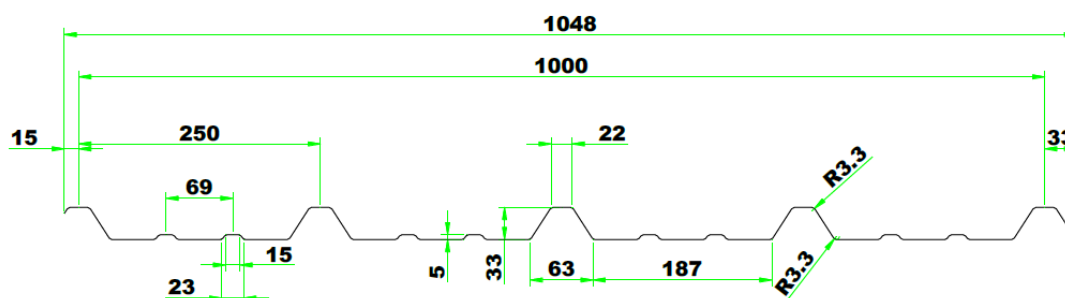
# Skylux<sup>®</sup>

Corrugated solid polycarbonate 33.250



## General product description

The solid corrugated polycarbonate sheets are manufactured by means of extrusion technique. The polycarbonate sheets are characterized by their high optical clarity, light transmission and excellent impact resistance. The single-walled corrugated sheet has a co-extruded UV protection on the outside, which ensures minimal yellowing in the long term and the preservation of the mechanical properties.



## Specific characteristics

Type .....	Greca
Sheet thickness .....	1mm ± 0.05mm
Sheet width .....	1048 mm ± 5mm
Dimension corrugation .....	Greca 250/33
Mechanic characteristics .....	200 x more impact-resistant than glass
Thermal characteristics .....	U value 5.72 W/m <sup>2</sup> .K
	Softening point at 148°C
Processing temperature .....	-20 to +100°C
Translucid characteristics .....	Clear 88%
Chemical characteristics .....	Not resistant to strong alkali, aggressive cleaning agents, acetone, gasoline, benzene or solvents containing butoxyethanol or isopropanol
Expansion coefficient .....	0.068 mm/m.K
Water absorption .....	<2.28 g/m <sup>2</sup>
Specific weight .....	1.42 kg/m <sup>2</sup>

## Attestations and certificates

- Fire class : fire reaction B, s1,d0 (EN 13501-1)

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