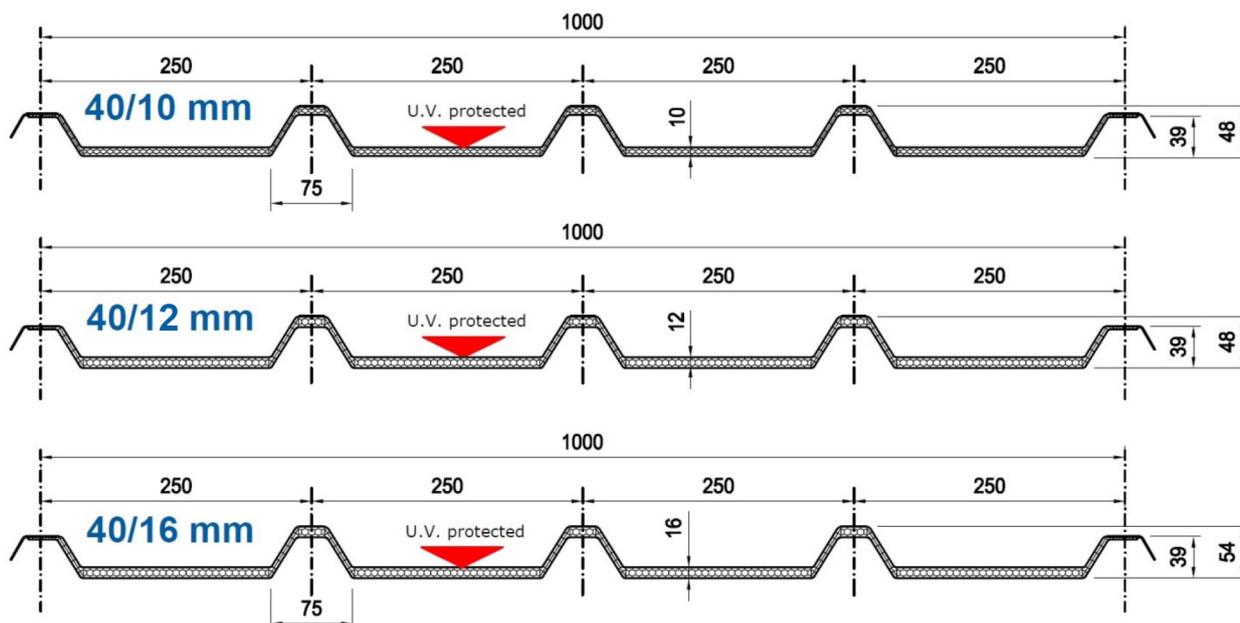


TECHNICAL DATA SHEET



5 WAVES 40/10 (10mm thick) - 40/12 (12mm thick) - 40/16 (16mm thick)

CROSS SECTION:



SPECIFICATIONS:

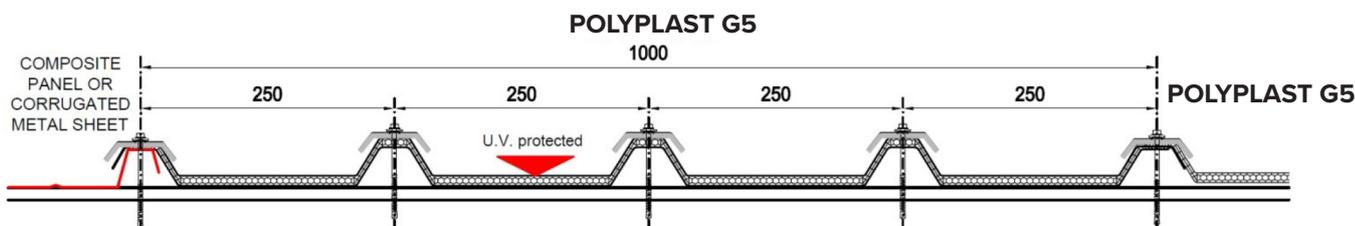
CORRUGATED SHEET IN EXTRUDED MULTIWALL POLYCARBONATE, ~1000mm WIDE (USEFUL WIDTH) and 10-12-16mm THICK, with HONEYCOMB STRUCTURE. SECTION WITH 5 Waves with 250mm corrugation pitch and 40mm high wave.

SHEETS ARE SUPPLIED TO THE EXACT LENGTH REQUESTED, WITH THERMOSEALED EDGES;

FIRE RATING: EUROCLASS B s1 d0.

- **USE:** REALIZATION OF **PITCHED ROOFING** AND **CURVED CANOPY**
FOR CURVED CANOPY APPLICATION, THE SHEET IS PRE-CURVED TO 3,5 or 6,0m RADIUS
- **ACCESSORIES:** THE SYSTEM IS COMPLETED BY ACCESSORIES
(FOR MORE DETAILS ON THE ACCESSORIES PLEASE CONTACT THE MANUFACTURER).

DETAILS OF APPLICATION:



TECHNICAL DATA SHEET

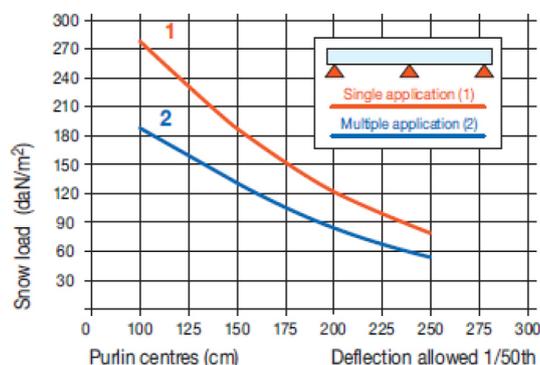
TECHNICAL CHARACTERISTICS:

DATA		UNIT	5G - 40/10	5G - 40/12	5G - 40/16
Thickness		mm	10	12	16
Sheet width		mm	1000 ± 5		
Corrugation		mm	5no waves with 250mm corrugation pitch		
Height of Middle & Side waves		mm	48 (M) – 39 (S)	48 (M) – 39 (S)	54 (M) – 39 (S)
Sheet length		m	Length to size (max. recommended length is 7,0m)		
Curvature radius		(R) mm	Factory curving R 3,5 or 6,0m – Cold curving R +10m		
Colour		-	Satinized clear and Opal		
Sealing of sheet edges		-	Thermosealed		
Inner construction		-	Honeycomb		
UV protection		-	On outer layer		
Fire rating		-	B s1 d0		
Temperature working range		°C	-40° / + 130°		
Linear thermal expansion		mm/mm°C	6,7 x 10 ⁻⁵		
Resistance against chemicals Use & maintenance		-	See our literature for specifications		
Thermal insulation		W/m²K	U= 2,50	U= 2,30	U=1,99
Light transmission	CLEAR	%	59±2	58±2	57±2
	OPAL	%	41±2	40±2	37±2
Solar factor	CLEAR	%	65±2	64±2	63±2
	OPAL	%	49±2	48±2	44±2
Shading coefficient	CLEAR		0,75	0,79	0,73
	OPAL		0,57	0,56	0,51
Warranty			10 years – See our Warranty for terms & conditions		

LOADING TABLE (Flat & Curved Application):

FLAT APPLICATION

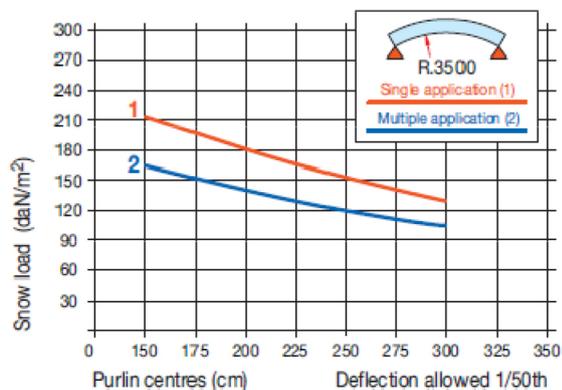
POLYPLAST G5 40/10-12-16 (5G-CORRUGATION) FLAT APPLICATION ON MORE SUPPORTS



TECHNICAL DATA SHEET

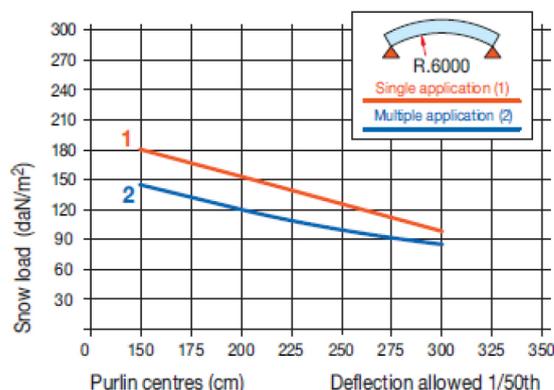
CURVED APPLICATION

POLYPLAST G5 40/10-12-16 (5G-CORRUGATION) CURVED APPLICATION ON TWO SUPPORTS



(2) Multiple sheet application with span > 2mtr: figures with square channel underneath. 

POLYPLAST G5 40/10-12-16 (5G-CORRUGATION) CURVED APPLICATION ON TWO SUPPORTS



(2) Multiple sheet application with span > 2mtr: figures with square channel underneath. 

Responsibility clause: all technical information and recommendations are given in good faith and according our best knowledge. Nevertheless, not having any control over the end use of its materials, Esprit Group SRL declines any responsibility for their application. The recommendations given do not relieve the Buyer to perform its own controls to determine the suitability of the materials to its own needs and to the regulations in force. Esprit Group SRL reserves the right to amend products and specifications without prior notice.