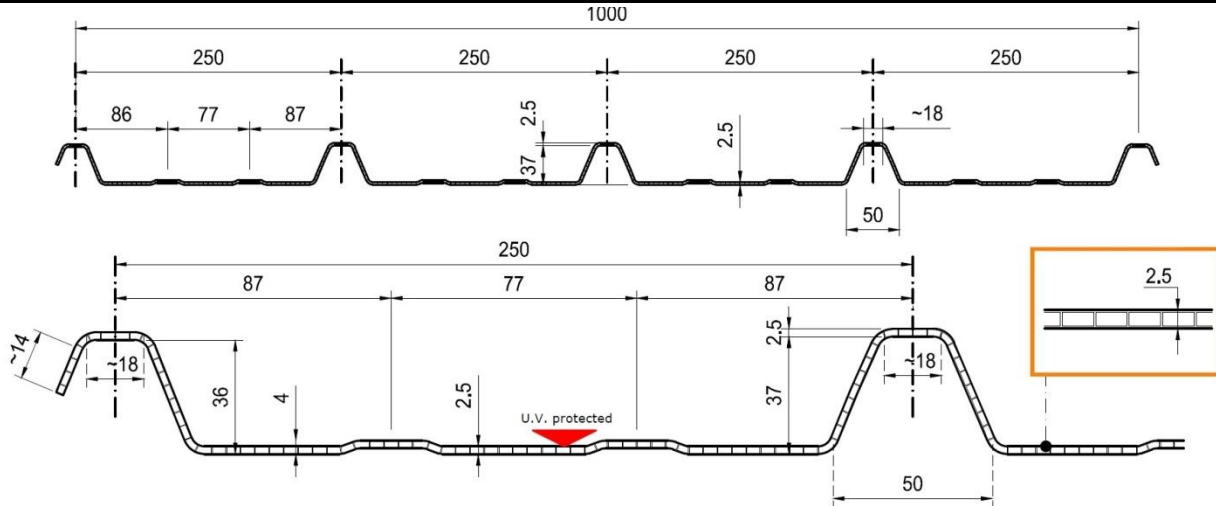


**TECHNICAL DATA SHEET no.SMART01 – Aug. 2020 (Rev.1) Product: Smartpiù 5G Lattonedil**

**PRODUCT:**

**SMARTPIU' 5 WAVES profile "LATTONEDIL"**

**CROSS SECTION:**



**SPECIFICATIONS:**

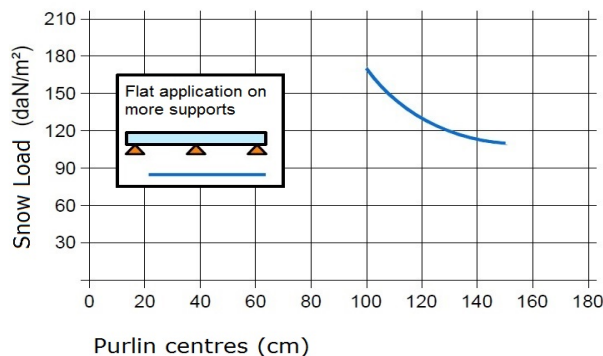
**CORRUGATED SHEET IN EXTRUDED MULTIWALL POLYCARBONATE, ~1000mm WIDE (USEFUL WIDTH) and 2,5mm THICK, with TWINWALL STRUCTURE. SECTION WITH 5 WAVES with 250mm corrugation pitch FOR USE IN CONJUNCTION WITH CORRUGATED "LATTONEDIL" METAL SHEETS.**

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).
- **NOTES:** FOR THE REALIZATION OF SKYLIGHTS WITH HIGH INSULATING FIGURES ACCORDING TO THE NORM IN FORCE, AN INNER FALSE CEILING CAN BE ADDED TO SMARTPIU'.

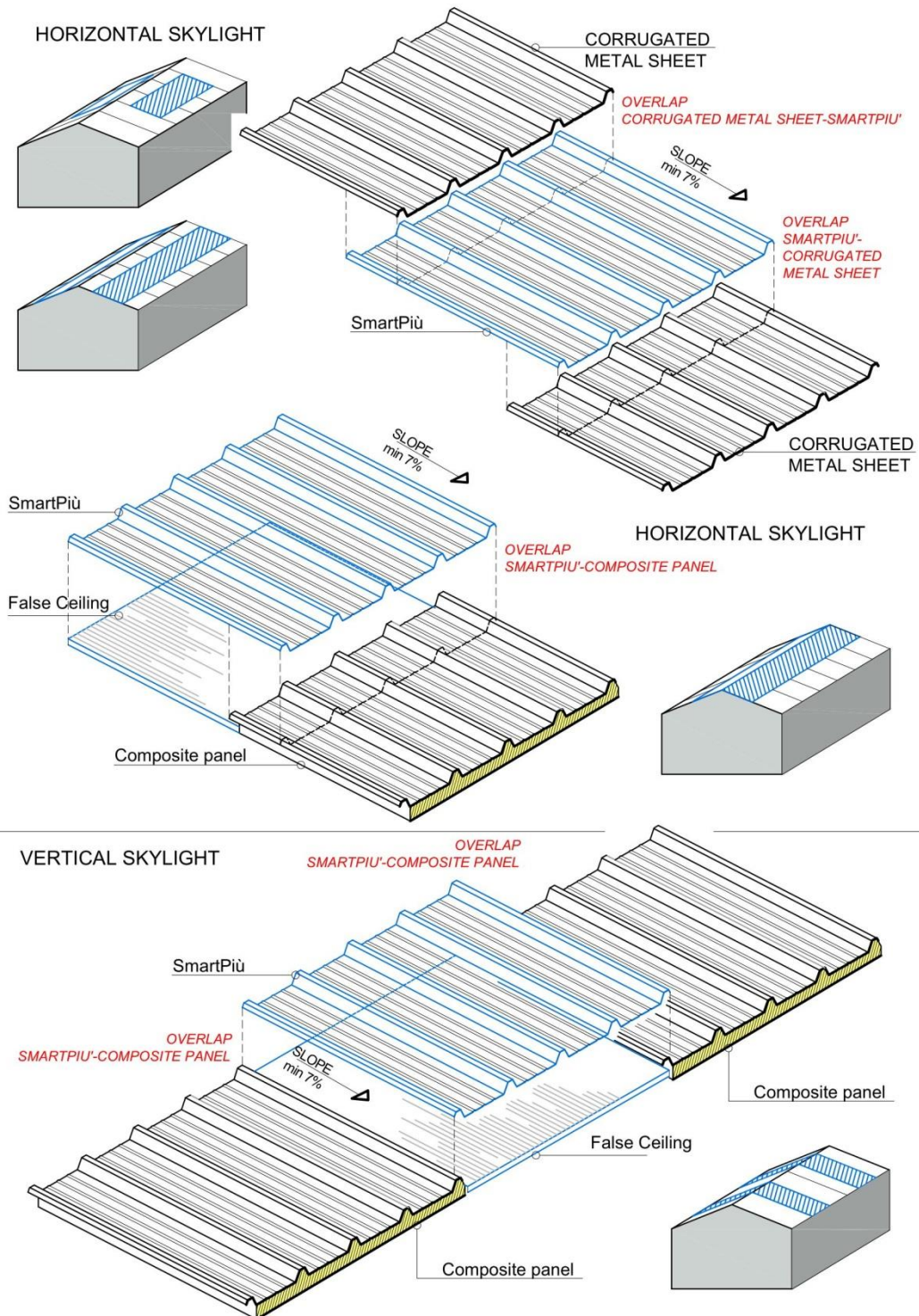
**LOADING TABLE (Flat Application):**

**LOADING TABLE - SMARTPIU' 5 WAVES LATTONEDIL  
FLAT APPLICATION ON MORE SUPPORTS**



**TECHNICAL DATA SHEET no.SMART01 – Aug. 2020 (Rev.1) Product: Smartpiù 5G Lattonedil**

**APPLICATION:**



## TECHNICAL DATA SHEET no.SMART01 – Aug. 2020 (Rev.1) Product: Smartpiù 5G Lattonedil

### TECHNICAL CHARACTERISTICS:

DATA		UNIT	5G – Lattonedil
Thickness		mm	2,5±0,5 mm <i>THE INDICATED THICKNESS SHALL BE CONSIDERED NOMINAL WITH A TOLERANCE OF ± 0,5 mm</i>
Sheet width		mm	1000 ± 5
Corrugation		mm	5no waves with 250mm corrugation pitch
Height of Middle & Side waves		mm	37
Sheet length		m	Length to size (max. recommended length is 7,0m)
Curvature radius		(R) m	Factory curving R 3,5 or 6,0m – Cold curving R +10 m
Colour		-	Satinized clear and Opal
Sealing of sheet edges		-	Thermosealed
Inner construction		-	Twinwall
UV protection		-	On outer layer
Fire rating		-	B s1 d0
Temperature working range		°C	-40° / + 130°
Linear thermal expansion		mm/mm°C	6,7 x10 <sup>-5</sup>
Resistance against chemicals – use & maintenance		-	See our literature for specifications
Thermal insulation		W/m <sup>2</sup> K	U= 4,71
Light transmission	CLEAR	%	84±2
	OPAL	%	76±2
Solar factor	CLEAR	%	79±2
	OPAL	%	75±2
Shading coefficient	CLEAR		0,91
	OPAL		0,87
Warranty			10 years – See our Warranty for terms & conditions

**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, PolyPiù S.r.l. 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. Polypiu S.r.l. reserves the right to amend products and specifications without prior notice.