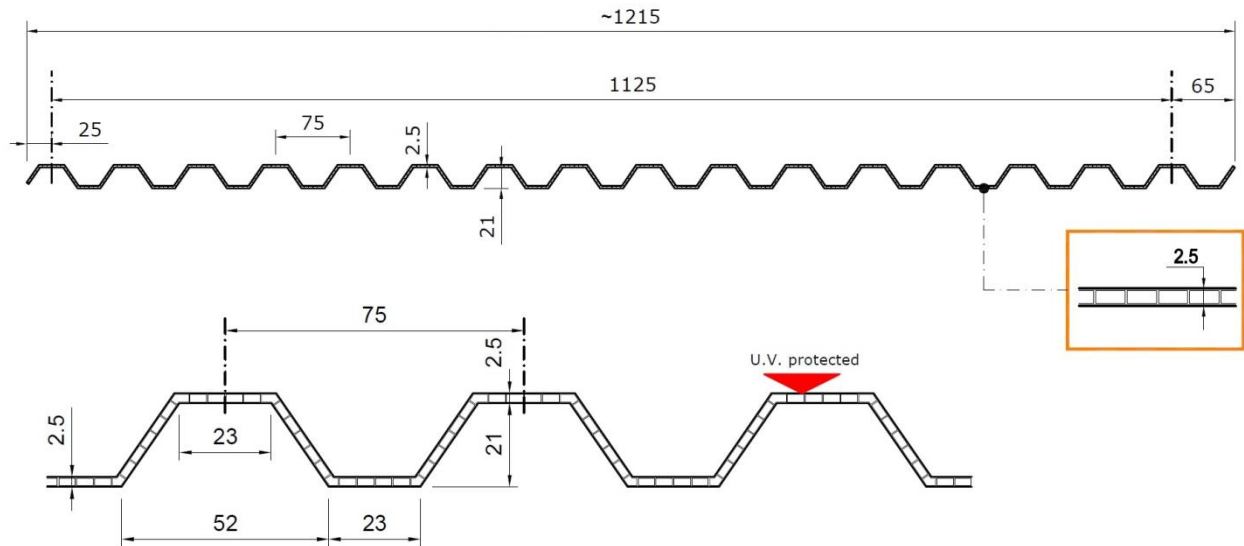


**TECHNICAL DATA SHEET no.SMART21 – Aug. 2020 (Rev.1) Product: SmartpiùGreca 20/75 - 16G**

**PRODUCT:**

**SMARTPIU' WAVE 20/75 16 WAVES**

**CROSS SECTION:**



**SPECIFICATIONS:**

**CORRUGATED SHEET IN EXTRUDED MULTIWALL POLYCARBONATE, ~1215mm WIDE, 1125mm USEFUL WIDTH, and 2,5mm THICK, with TWINWALL STRUCTURE. CORRUGATION 20/75mm FOR USE IN CONJUNCTION WITH CORRUGATED METAL SHEETS. SHEETS ARE SUPPLIED TO THE EXACT LENGTH REQUESTED, WITH THERMOSEALED EDGES;**

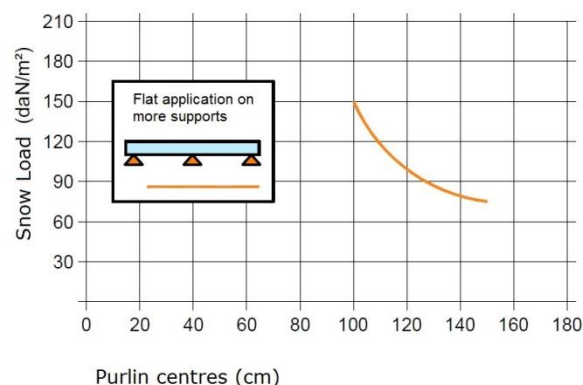
**FIRE RATING: EUROCLASS B s1 d0.**

- **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).
- **NOTE:** 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):**

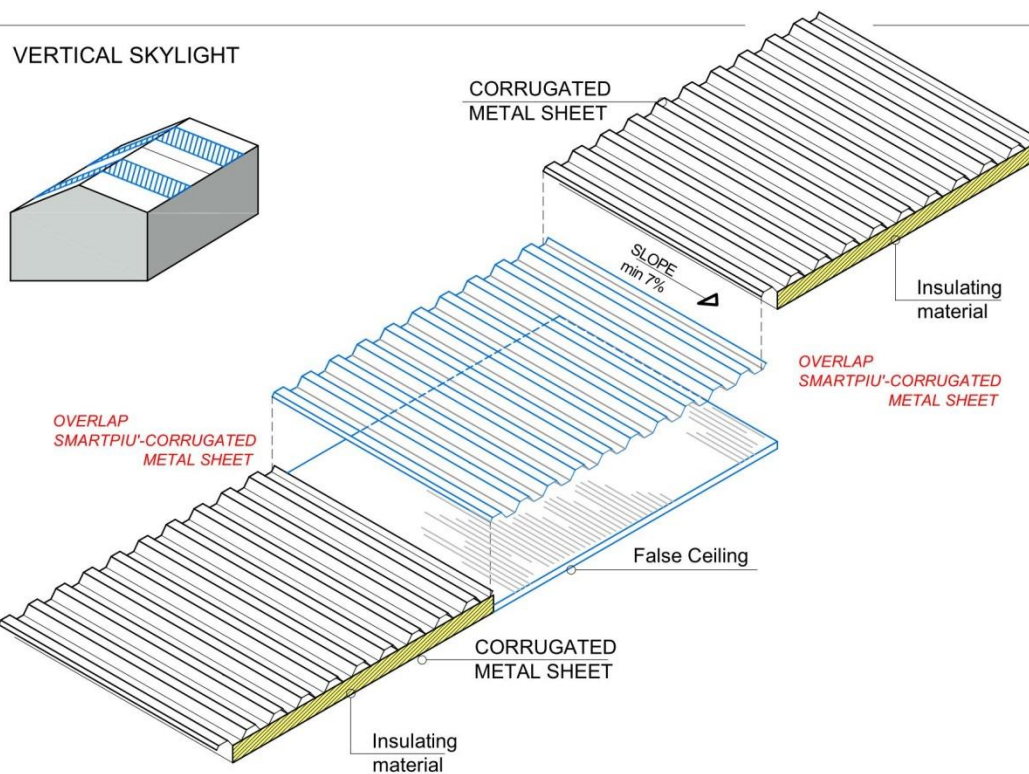
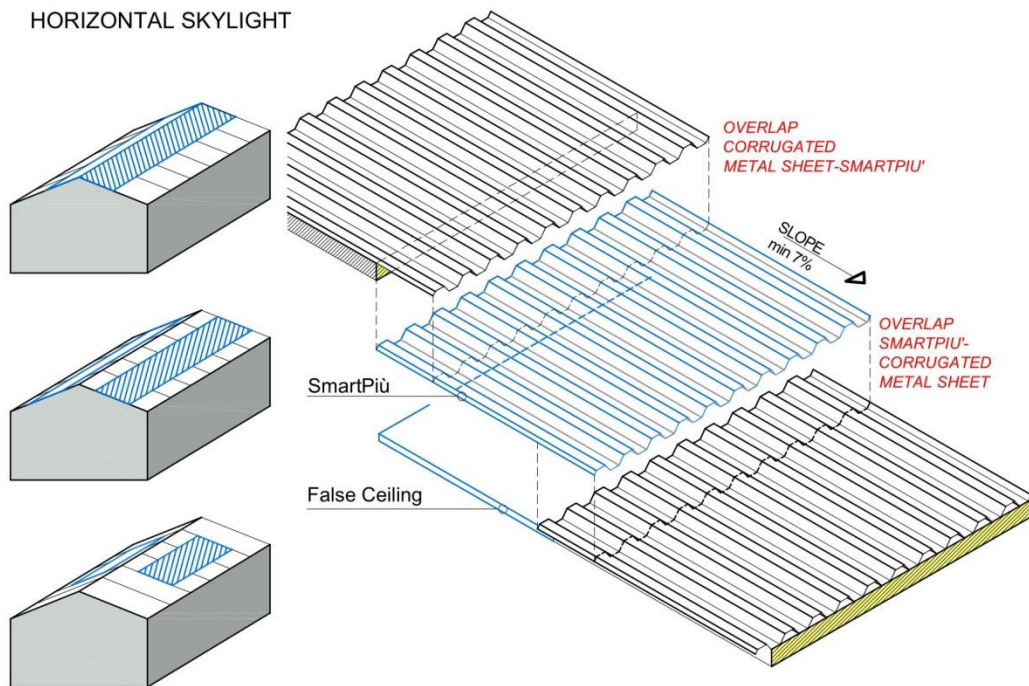
**DEFLECTION ALLOWED 1/50<sup>th</sup> of NET SPAN**

**LOADING TABLE - SMARTPIU' WAVE 20/75 - 16 WAVES  
FLAT APPLICATION ON MORE SUPPORTS**



**TECHNICAL DATA SHEET no.SMART21 – Aug. 2020 (Rev.1) Product: SmartpiùGreca 20/75 - 16G**

**APPLICATION:**



**TECHNICAL DATA SHEET no.SMART21 – Aug. 2020 (Rev.1) Product: SmartpiùGreca 20/75 - 16G**

**TECHNICAL CHARACTERISTICS:**

DATA		UNIT	Greca 20/75
Thickness		mm	2,5± 0,5 mm <i>THE INDICATED THICKNESS SHALL BE CONSIDERED NOMINAL WITH A TOLERANCE OF ± 0,5 mm</i>
Useful width		mm	1125 ± 5
Sheet width		mm	1215 ± 5 (16no waves)
Corrugation		mm	75
Height of Middle & Side waves		mm	21
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±2
	OPAL	%	0,87±2
Warranty			10 years – See our Warranty for terms & conditions

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