

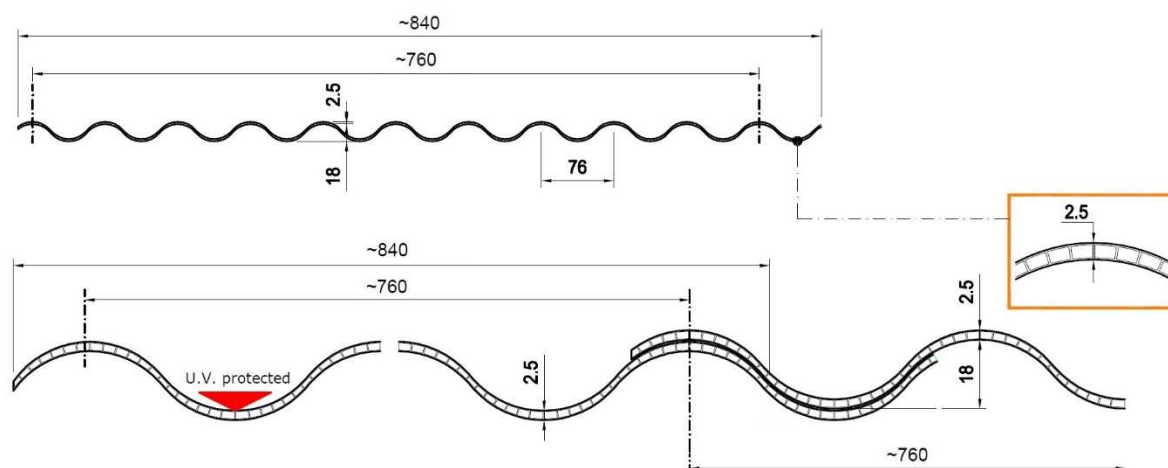
**TECHNICAL DATA SHEET no.SMART14 - Dec. 2016 (Rev.0)**

**Product: Smartpiù Wave 76/18**

**PRODUCT:**

**SMARTPIU' WAVE profile "76/18"**

**CROSS SECTION:**



**SPECIFICATIONS:**

**CORRUGATED SHEET IN EXTRUDED MULTIWALL POLYCARBONATE, ~840mm WIDE, and 2,5mm THICK, with TWINWALL STRUCTURE. CORRUGATION WAVE 76/18mm** (height of wave 18mm, corrugation pitch 76mm) FOR USE IN CONJUNCTION WITH CORRUGATED METAL SHEETS.

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

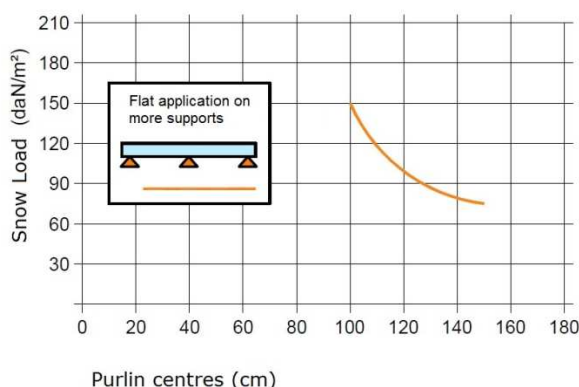
FIRE RATING: EUROCLASS B s1 d0.

- 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).
- 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):**

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

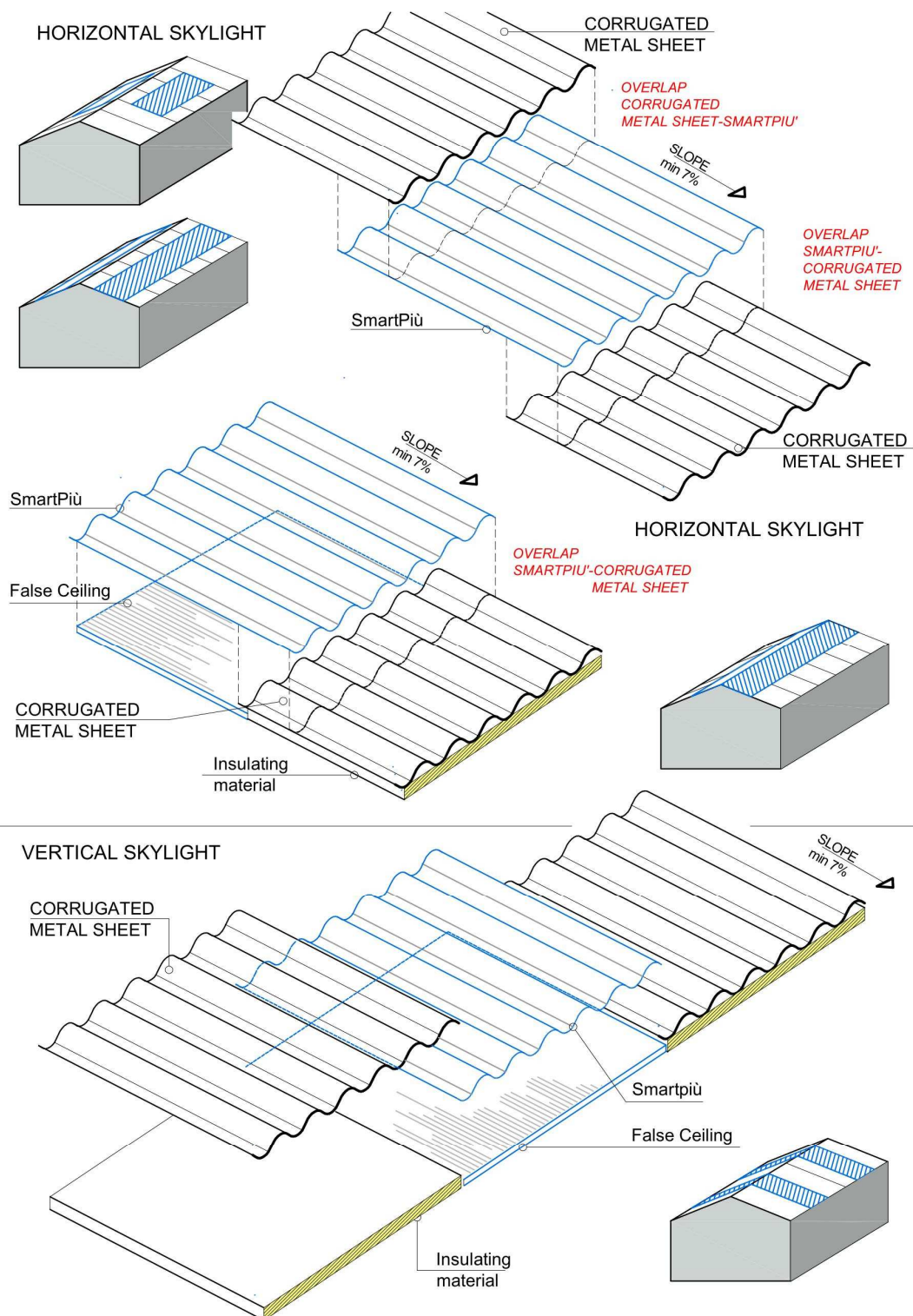
**LOADING TABLE - SMARTPIU' WAVE 76/18  
FLAT APPLICATION ON MORE SUPPORTS**



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**APPLICATION:**



## TECHNICAL DATA SHEET no.SMART14 - Dec. 2016 (Rev.0)

Product: Smartpiù Wave 76/18

### TECHNICAL CHARACTERISTICS:

DATA		UNIT	WAVE 76/18
Thickness		mm	2,5
Sheet width		mm	840 ± 5
Corrugation		mm	76
Height of wave		mm	18
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/m²K	U= 4,71 (R=0.21)
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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