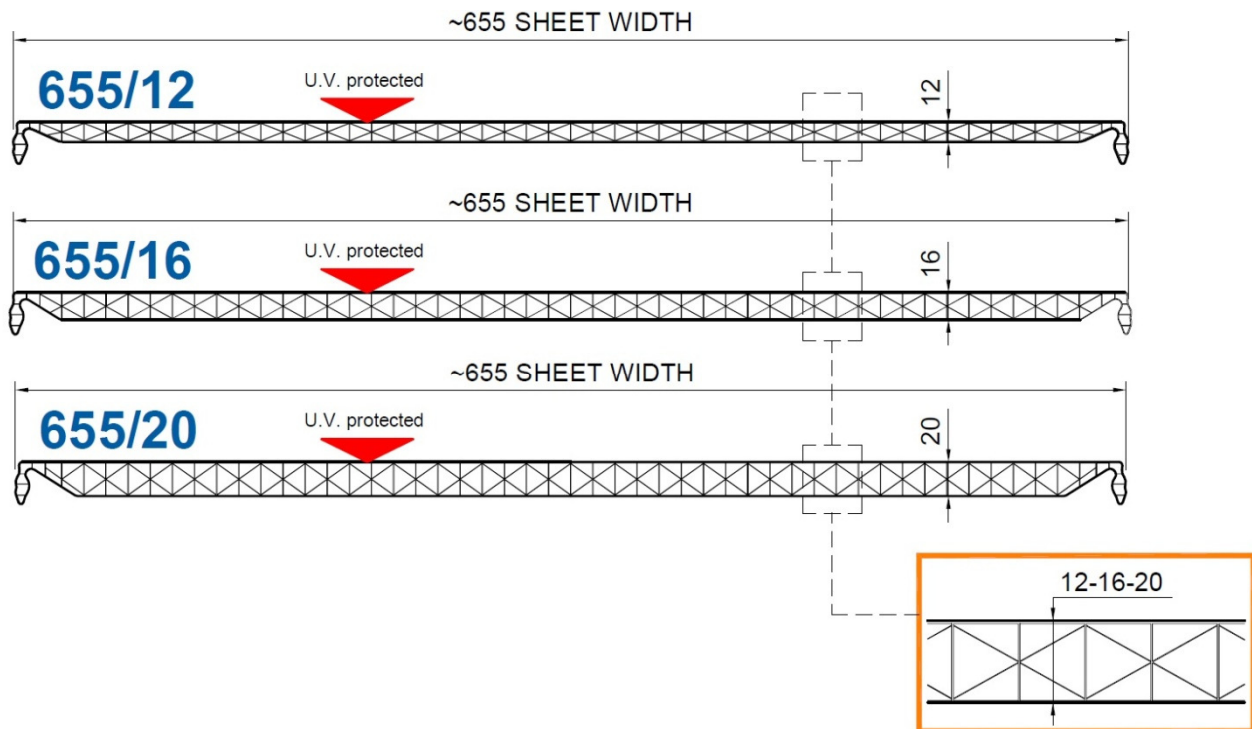


PRODUCT:

SYSTEMPIU

655/12 (12mm thick) – **655/16** (16mm thick) – **655/20** (20mm thick)

CROSS SECTION:



SPECIFICATIONS:

“U”-SHAPED SHEET IN EXTRUDED MULTIWALL POLYCARBONATE, ~655mm WIDE (USEFUL WIDTH) and 12-16-20mm THICK, with X STRUCTURE. The special shape of the sheet with side hooks allows for clipping into steel joining profiles with open top for the realization of a continuous system with a smooth outer surface.

SHEETS ARE SUPPLIED TO THE EXACT LENGTH REQUESTED, WITH EDGES EITHER THERMOSEALED OR SEALED WITH AN ALUMINIUM FOIL TAPE; FIRE RATING: EUROCLASS B s1 d0.

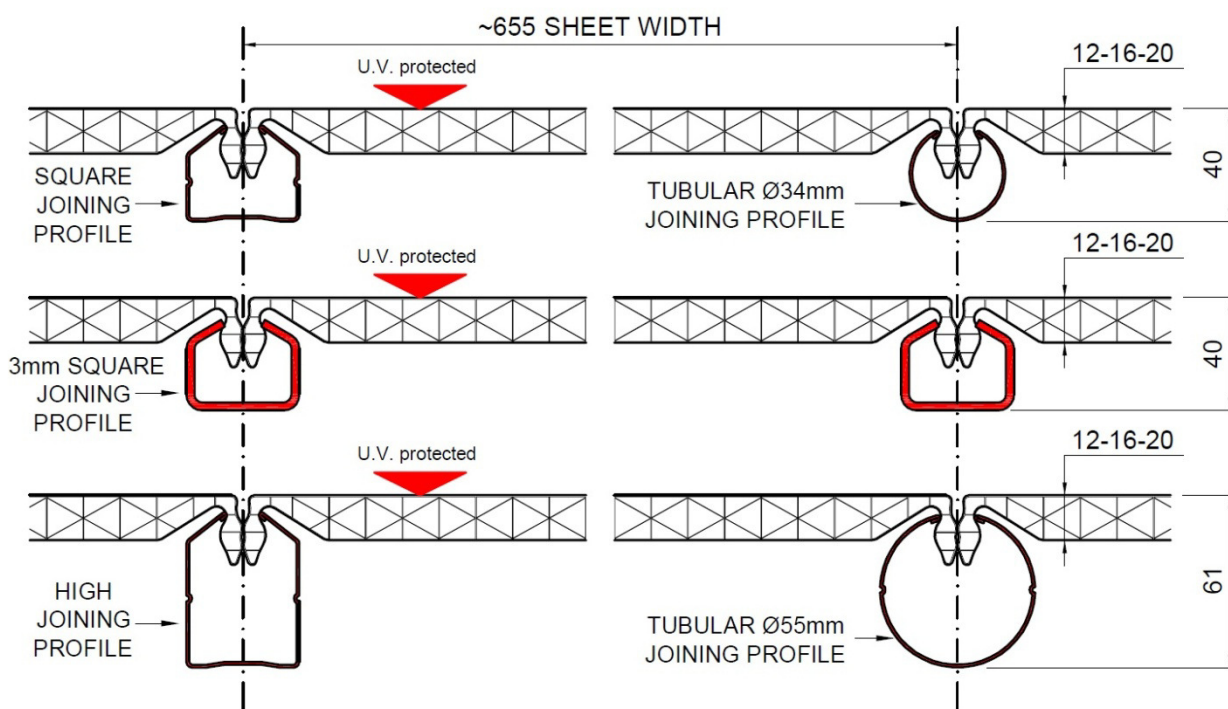
JOINING PROFILES ARE SUPPLIED TO THE EXACT LENGTH REQUESTED; IN CASE OF CURVED CANOPY APPLICATION, JOINING PROFILES ARE SUPPLIED PRE-CURVED.

- **USE:** REALIZATION OF **PITCHED ROOFING AND CURVED CANOPY**
FOR CURVED CANOPY APPLICATION, THE SHEET IS SUPPLIED PRE-CURVED
- **JOINING PROFILES:**
 - IN TUBULAR SECTION $\varnothing 34$ and $\varnothing 55$ mm FOR THE CURVED SYSTEM
 - IN SQUARE SECTION 40mm high, 1mm thick PLASTIC COATED or 3mm thick PAINTED, FOR THE FLAT SYSTEM
- **ACCESSORIES:** THE SYSTEM IS COMPLETED BY ACCESSORIES
(FOR MORE DETAILS ON THE ACCESSORIES PLEASE CONTACT THE MANUFACTURER).

TECHNICAL DATA SHEET no.SYST01 - Dec. 2016 (Rev.0)

Product: SYSTEMPIU'

DETAILS OF APPLICATION:



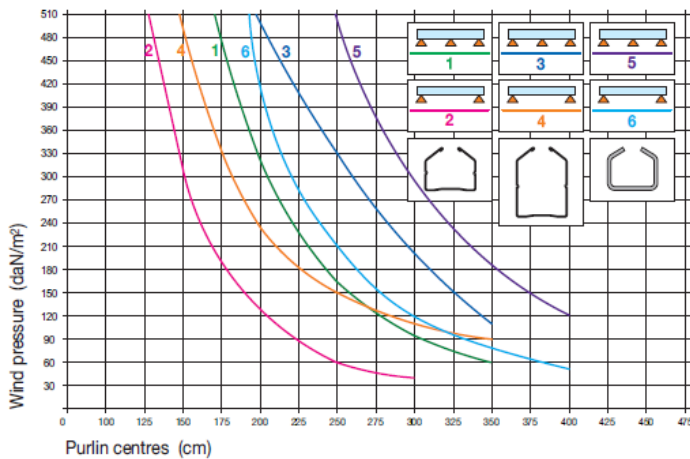
TECHNICAL CHARACTERISTICS:

DATA		UNIT	655/12	655/16	655/20
Thickness		mm	12	16	20
Sheet width		mm	655 ± 5		
Total height (sheet + joining profile)		mm	40 - 61	40 - 61	40 - 61
Sheet length		m	Length to size (max. recommended length is 7,0m)		
Curvature radius		(R) mm	2000 min.	3500	4000
			Cold curving R +10m		
Colour			Satinized clear and Opal		
Sealing of sheet edges			Thermosealed or Aluminium foil tape		
Inner construction			X structure		
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= 2,34	U= 2,20	U= 2,10
Light transmission	CLEAR	%	72±2	60±2	55±2
	OPAL	%	43±2	41±2	39±2
Solar factor	CLEAR	%	69±2	56±2	54±2
	OPAL	%	49±2	40±2	46±2
Shading coefficient	CLEAR	%	0,79±2	0,65±2	0,62±2
	OPAL	%	0,56±2	0,46±2	0,53±2
Warranty			10 years - See our Warranty for terms & conditions		

LOADING TABLE (Flat and Curved Application):

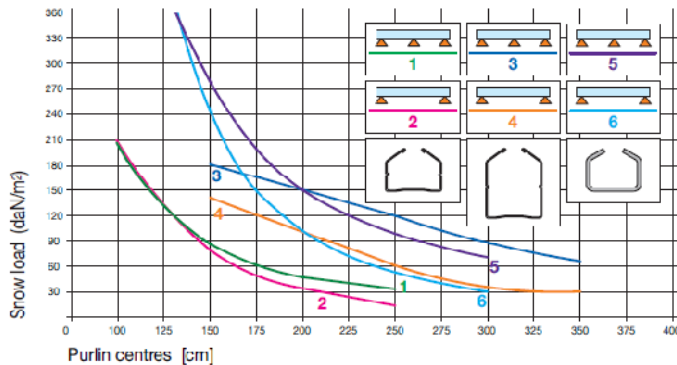
VERTICAL GLAZING APPLICATION

Deflection allowed 1/50th

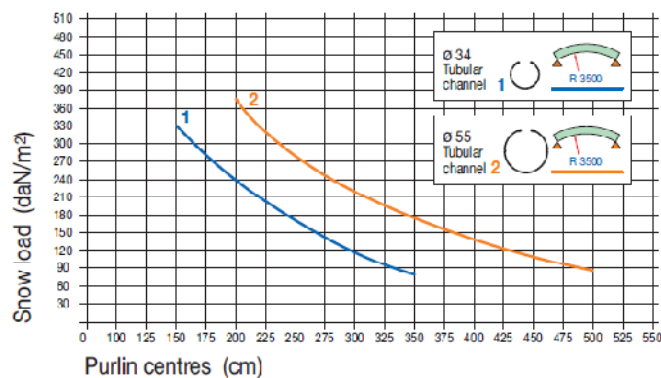


PITCHED COVERING APPLICATION

Deflection allowed 1/200th



APPLICATION IN CURVED COVERING



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.