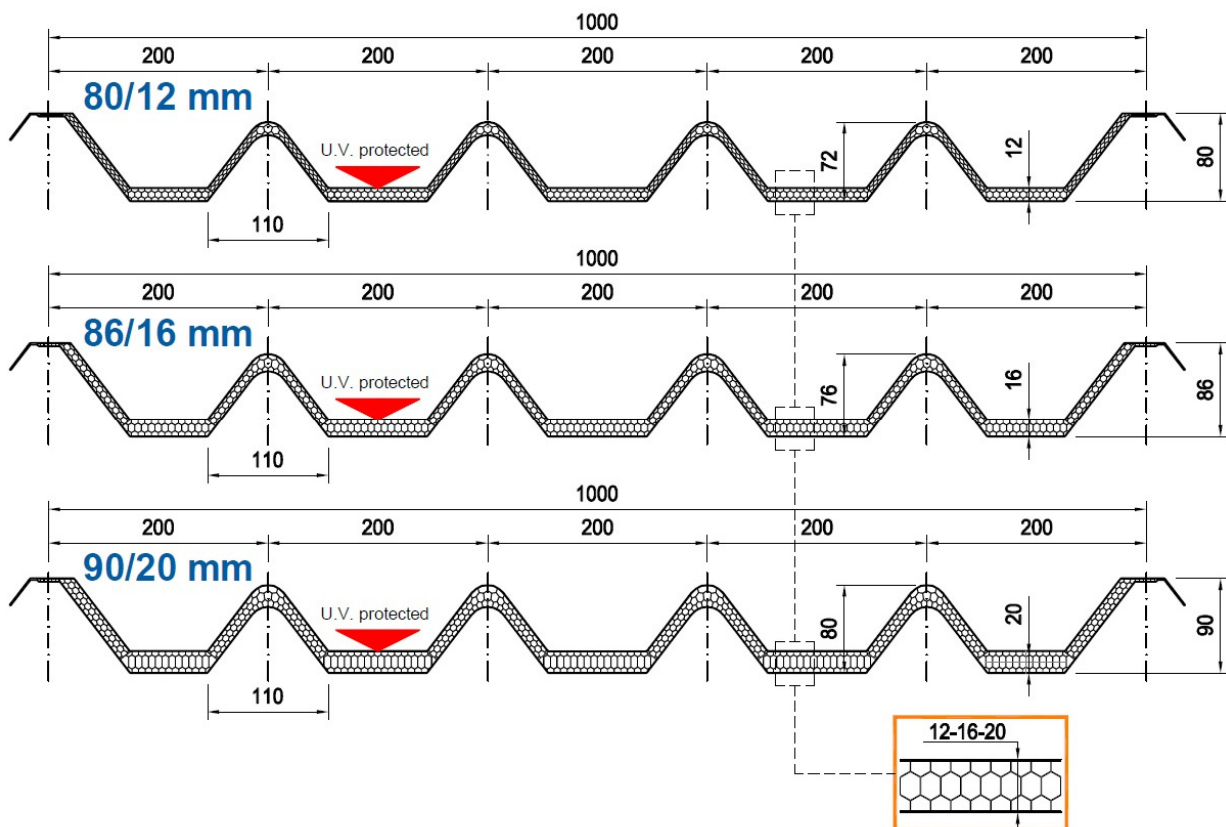


PRODUCT:

GRECAPIU

6 WAVES 80/12 (12mm thick) – 86/16 (16mm thick) – 90/20 (20mm thick)

CROSS SECTION:

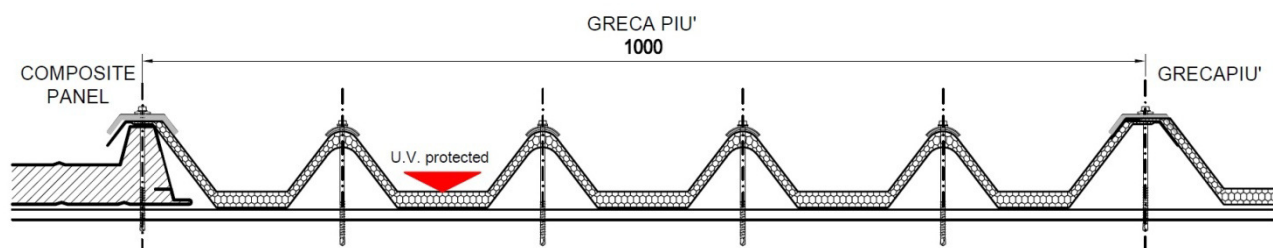


SPECIFICATIONS:

CORRUGATED SHEET IN EXTRUDED MULTIWALL POLYCARBONATE, ~1000 mm WIDE (USEFUL WIDTH) and 12-16-20mm THICK, with HONEYCOMB STRUCTURE. SECTION WITH 6 WAVES with 200mm corrugation pitch and 80-86-90mm 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 no.GR02 - Dec. 2016 (Rev.0)

Product: Greca più 6G

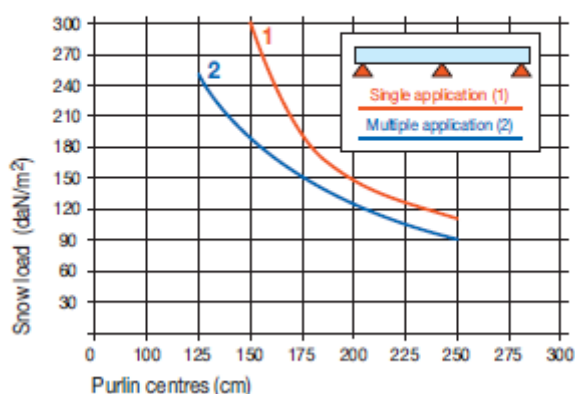
TECHNICAL CHARACTERISTICS:

| DATA | | UNIT | 6G - 80/12 | 6G - 86/16 | 6G - 90/20 |
|---|-------|--------------------|---|-----------------|-----------------|
| Thickness | | mm | 12 | 16 | 20 |
| Sheet width | | mm | 1000 ± 5 | | |
| Corrugation | | mm | 6no waves with 200mm corrugation pitch | | |
| Height of Middle & Side waves | | mm | 72 (M) – 80 (S) | 76 (M) – 86 (S) | 80 (M) – 90 (S) |
| 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 +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/m ² K | U= 2,30 | U= 1,99 | U= 1,80 |
| Light transmission | CLEAR | % | 58±2 | 57±2 | 52±2 |
| | OPAL | % | 39±2 | 37±2 | 35±2 |
| Solar factor | CLEAR | % | 65±2 | 64±2 | 59±2 |
| | OPAL | % | 46±2 | 44±2 | 42±2 |
| Shading coefficient | CLEAR | % | 0,75±2 | 0,74±2 | 0,68±2 |
| | OPAL | % | 0,53±2 | 0,51±2 | 0,42±2 |
| Warranty | | | 10 years – See our Warranty for terms & conditions | | |

LOADING TABLE (Flat and Curved Application):

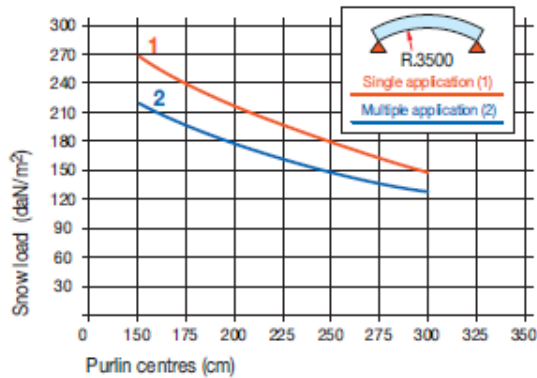
FLAT APPLICATION

**GRECAPIÙ 80/12, 86/16 & 90/20 (6-CORRUGATION)
FLAT APPLICATION ON MORE SUPPORTS**



CURVED APPLICATION

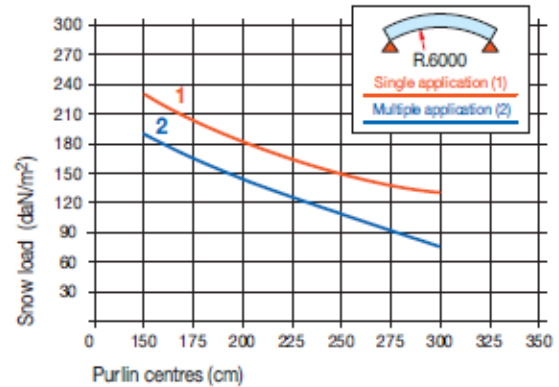
**GRECAPIÙ 80/12, 86/16 & 90/20 (6-CORRUGATION)
CURVED APPLICATION ON TWO SUPPORTS**



(2) Multiple sheet application with span > 3mtr:
figures with high square channel underneath.



**GRECAPIÙ 80/12, 86/16 & 90/20 (6-CORRUGATION)
CURVED APPLICATION ON TWO SUPPORTS**



(2) Multiple sheet application with span > 3mtr:
figures with high square channel underneath.



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