

Modular system of corrugated UV protected multiwall polycarbonate, assembled using a snap-on system without drilling for translucent curtain walls and roofing

#### **PRODUCTION STANDARDS**

thickness	8mm
profile height	40mm
structure	3 walls
modular width	1.000mm
colours available	see page 11

## **TECHNICAL FEATURES**

Thermal insulation	3,0 W/m <sup>2</sup> K
Acoustic insulation	16 dB
Linear thermal expansion	0,065mm/m°C
Temperature range	-40°C +120 °C
U.V. rays protection	Coextrusion
Fire reaction EN 13501	EuroClass B-s1.d0

#### **DESCRIPTION**

Innovative patented roofing system, anchored by pressing it onto specific anchor brackets that allow the polycarbonate sheets to expand without undermining load strength.

N.B. arcoPlus®GrecaCLICK Supplied with thermowelded ends

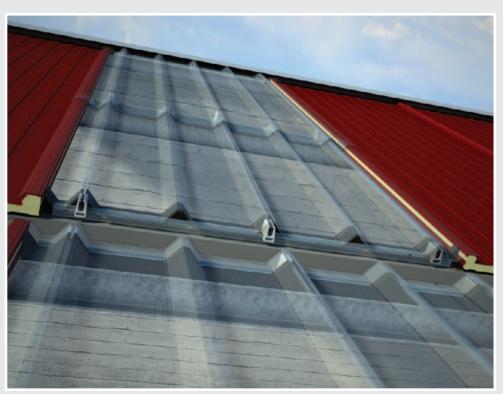
## **ADVANTAGES**

- Pressed on without drilling holes in panels
- Anchor brackets hidden in the structure
- Transverse and longitudinal overlap
- Resistance to U.V. rays and to hail
- Light transmission
- Thermowelded sheets
- Heat insulation

### **APPLICATIONS**

Roofing and skylights

Vertical windows



**SKYLIGHT - PANEL APPLICATION**Skylight gutter ridge application







# SKYLIGHT GUTTER RIDGE APPLICATION

Skylight obtained by laterally overlapping with all types of foamed roofing panels or corrugated sheets. The special method of connection guarantees resistance to dynamic wind loads while at the same time allowing the material to expand. Recommended minimum slope 5%.

# CONTINUOUS ROOFING APPLICATION

Construction of continuous roofing with continuous lateral overlapping of components.

Recommended minimum slope 7%.

#### **ACCESSORIES**



**4420** Kit 20 **4423** Kit 30

**4424** Kit 40

GrecaClick connection kit



**4425** Kit 20 **4427** Kit 30 **4429** Kit 40

GrecaClick overlap kit



**4406** Kit 0 **4407** Kit 20 **4408** Kit 30 **4409** Kit 40

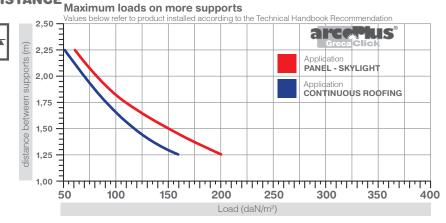
PE-LD GrecaClick ridge bird comb kit

N.B. arcoPlus®GrecaCLICK Supplied with thermowelded ends



The ends of the sheets can be modified for use with different roofing profiles.

# LOAD RESISTANCE





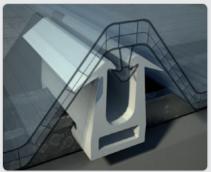
**DETAIL OF RIDGE**Detail of ridge with
PE-LD seal



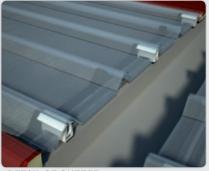
OVERLAP – STEP 1
Detail of double anchor bracket anchored to roofing structure



OVERLAP – STEP 3
Insertion of upper sheet by pressing



**ANCHORAGE OF ROOFING**This is done by pressing onto the anchor bracket.



**DETAIL OF GUTTER**Detail of insertion of the PE-LD seal.



**OVERLAP - STEP 2**Insertion of lower sheet by pressing

info@gallinausa.com Gallina USA