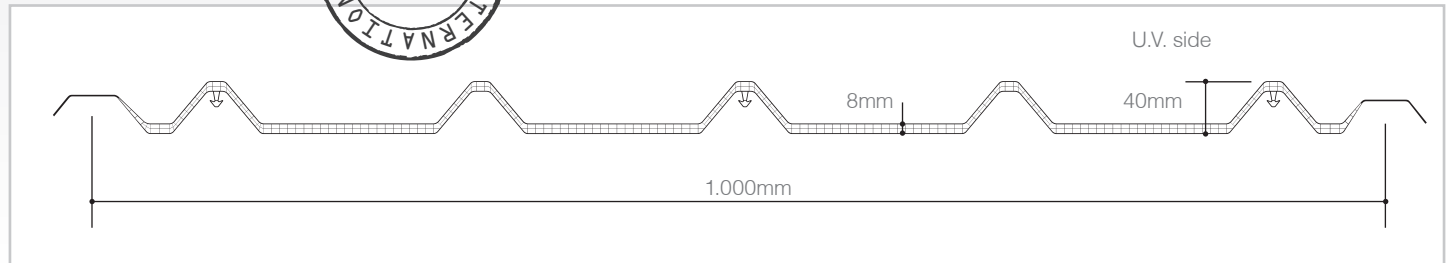


2.3 MODULAR OVERLAPPING SYSTEMS

arcoPlus[®]
GrecaClick



PROFILE



**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 ² 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.

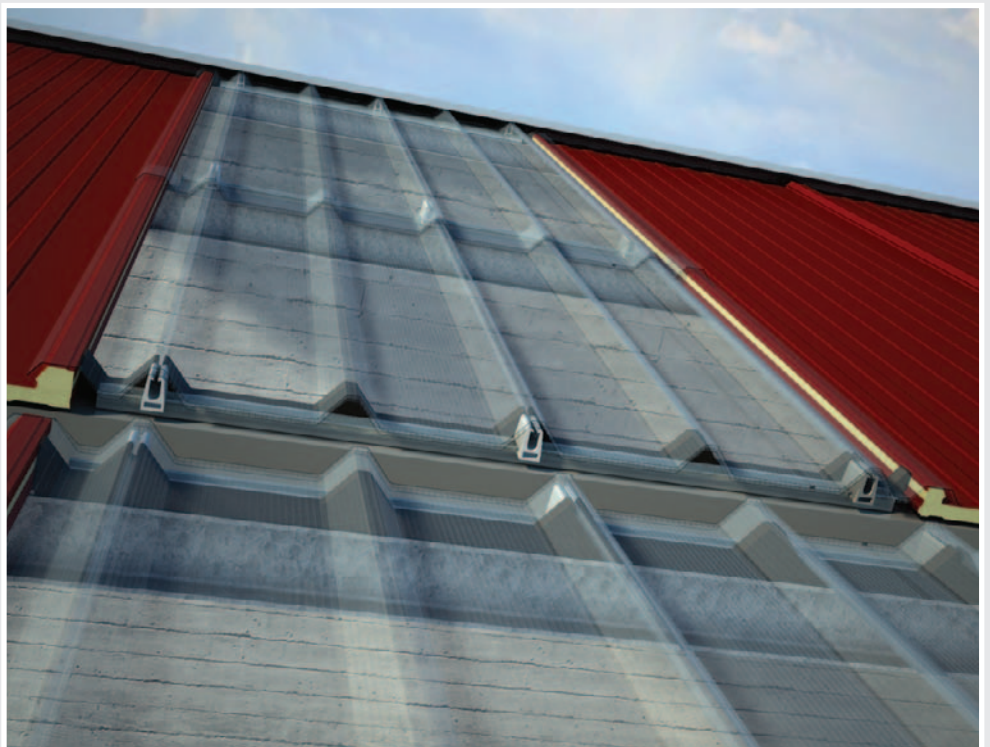
N.B. arcoPlus[®]GrecaCLICK
Supplied with thermowelded ends

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%.

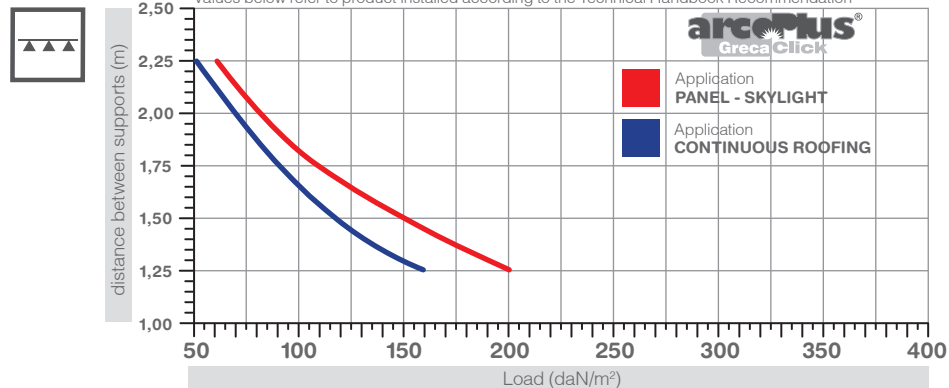
CONTINUOUS ROOFING APPLICATION

Construction of continuous roofing with continuous lateral overlapping of components. Recommended minimum slope 7%.

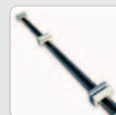
LOAD RESISTANCE

Maximum loads on more supports

Values below refer to product installed according to the Technical Handbook Recommendation



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

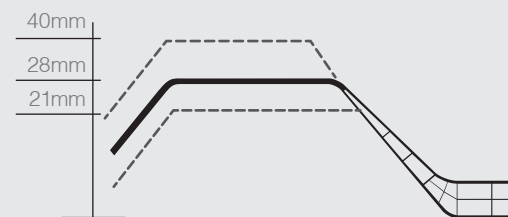
4407 Kit 20

4408 Kit 30

4409 Kit 40

PE-LD GrecaClick ridge bird comb kit

N.B. arcoPlus® GrecaCLICK
Supplied with thermowelded ends

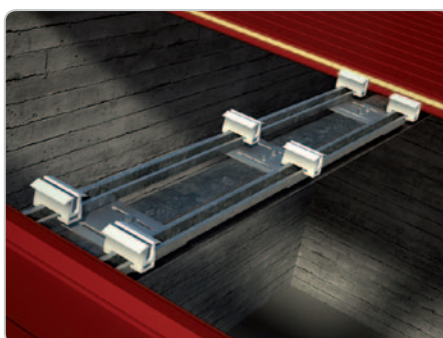


The ends of the sheets can be modified for use with different roofing profiles.



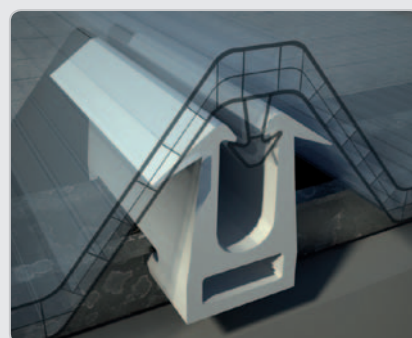
DETAIL OF RIDGE

Detail of ridge with PE-LD seal



OVERLAP - STEP 1

Detail of double anchor bracket anchored to roofing structure



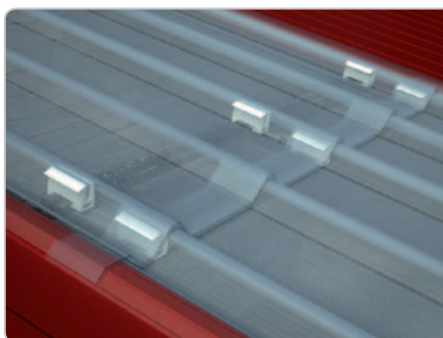
ANCHORAGE OF ROOFING

This is done by pressing onto the anchor bracket.



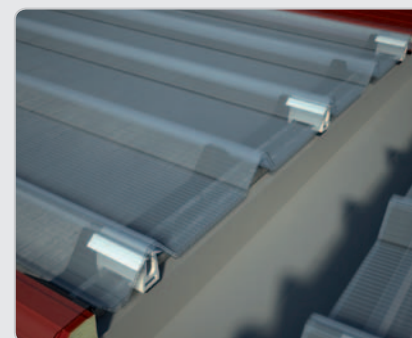
OVERLAP - STEP 2

Insertion of lower sheet by pressing



OVERLAP - STEP 3

Insertion of upper sheet by pressing



DETAIL OF GUTTER

Detail of insertion of the PE-LD seal.