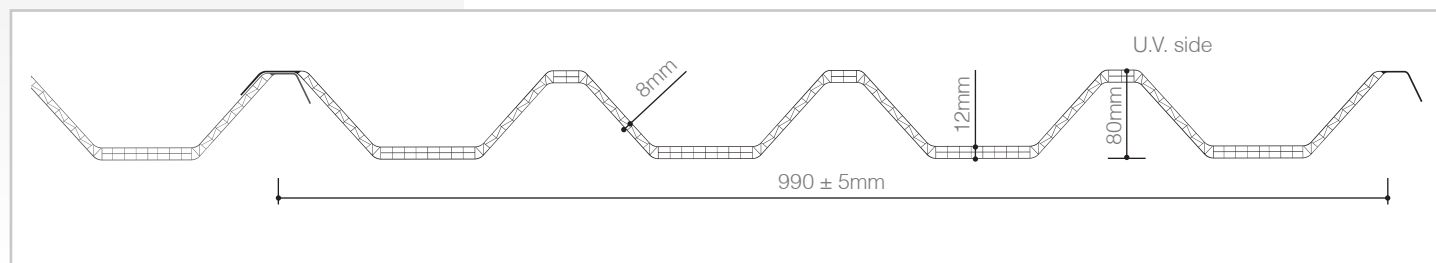


2.3 MODULAR OVERLAPPING SYSTEMS

arcoPlus®
1000



PROFILE



**Modular system
of corrugated UV
protected multiwall
polycarbonate for
translucent curtain
walls and roofing**

PRODUCTION STANDARDS

thickness	variable 8÷12mm
profile height	80mm
structure	3 walls
modular width	990 - 1.000mm
colours available	see page 11

TECHNICAL FEATURES

Thermal insulation	2,7 W/m²K
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 Bs1d0
Accidental shock resistance	1.200 Joule

DESCRIPTION

arcoPlus1000® is a modular corrugated system consisting of 3 coextruded polycarbonate walls, in 8÷12mm thickness, perfectly overlapping lengthwise and enabling continuous coverage and skylights filled gutter. Considering the linear thermal expansion of polycarbonate, to avoid cracks at the through fixings the recommended maximum length is 5,000mm.

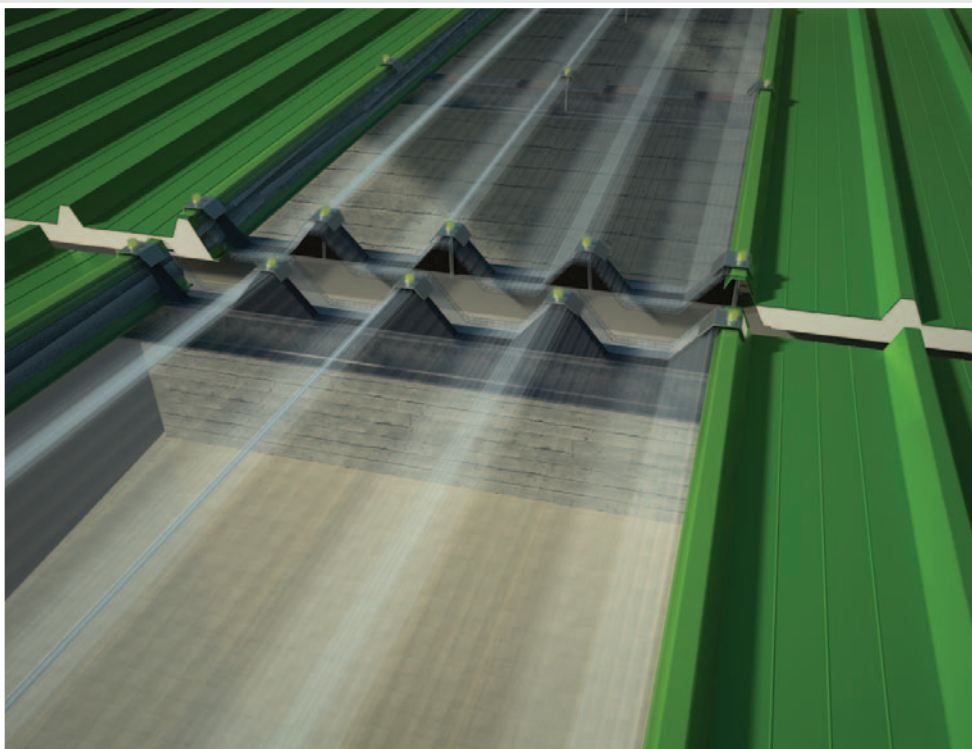
ADVANTAGES

- ❖ High load resistance
- ❖ Longitudinal overlap
- ❖ Transverse overlap
- ❖ Thermowelded panels
- ❖ Light transmission
- ❖ Resistance to U.V. rays and to hail
- ❖ Heat insulation

APPLICATIONS

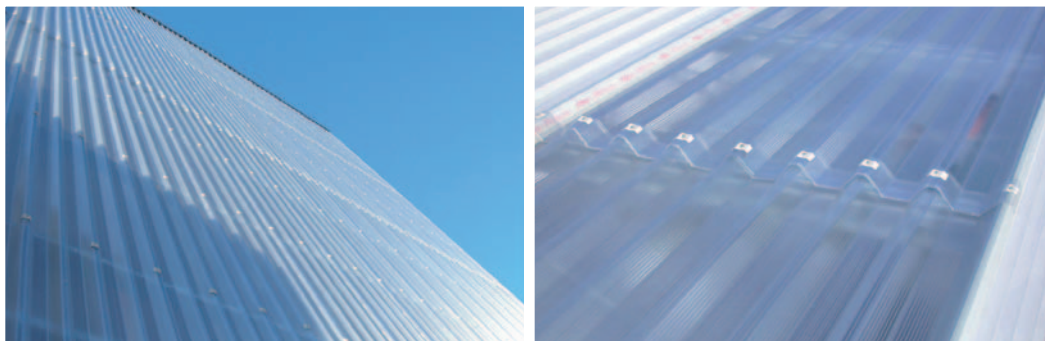
 Vertical windows

 Roofing

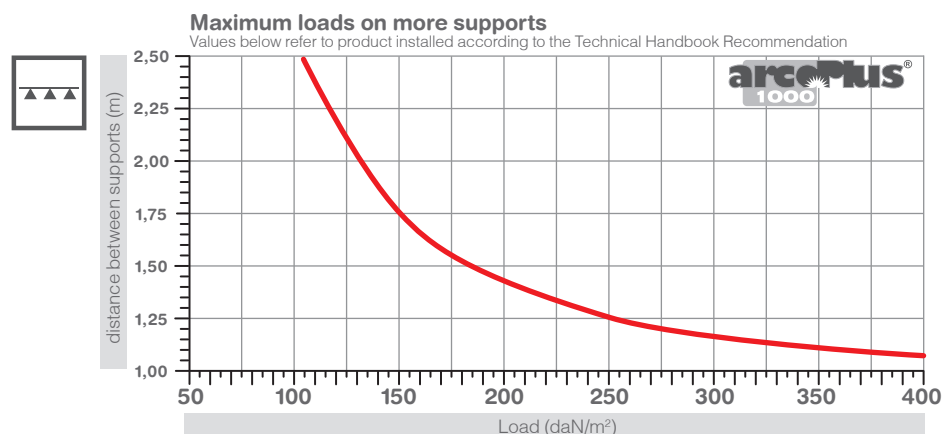


SKYLIGHT - PANEL APPLICATION

Construction of skylight with lateral overlapping of insulating roofing panels. Detail of valley gutter.



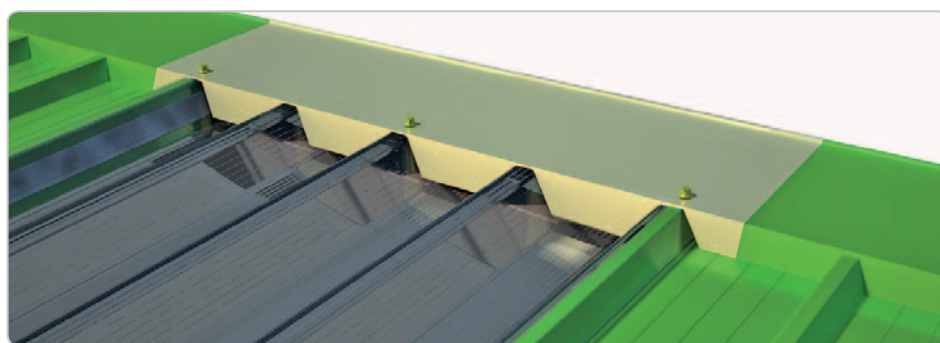
LOAD RESISTANCE SKYLIGHT - SINGLE PANEL SYSTEM



SKYLIGHT GUTTER RIDGE APPLICATION

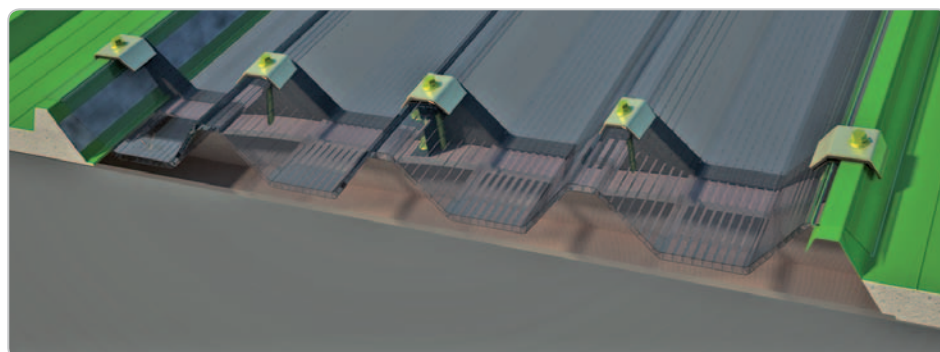
Panels laterally overlapping insulated corrugated metal roofing panels. Thanks to the specific design of the profile the system is perfectly compatible for overlapping all the main types of panel.

Minimum slope 5%.



SHEET METAL RIDGE

Pre-painted galvanised steel sheet ridge profile, consisting of two half-ridges

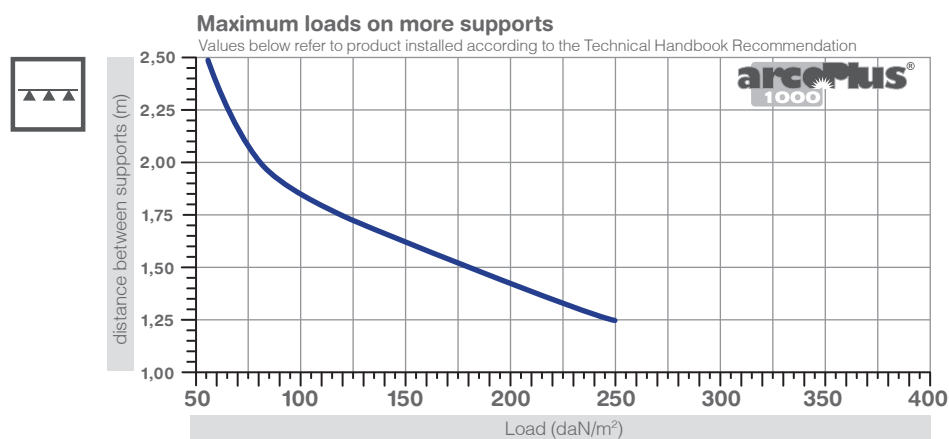


COVER FOOT

Detail of lateral overlapping with insulated metal panels. Fastening of cover foot.



LOAD RESISTANCE OF MULTIPLE PANEL CONTINUOUS ROOFING SYSTEM



APPLICATION ON CONTINUOUS ROOFING

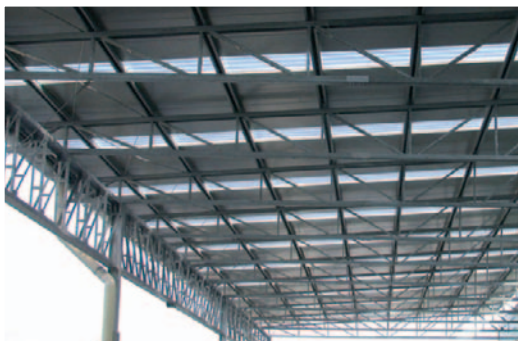
Construction of continuous roofing/
wall with continuous lateral overlap-
ping of polycarbonate panels.

For roofing, recommended mini-
mum slope 7%.



CONTINUOUS ROOFING

Construction of continuous translucent roofing,
with overlapping of panels. Recommended
minimum slope 7%.



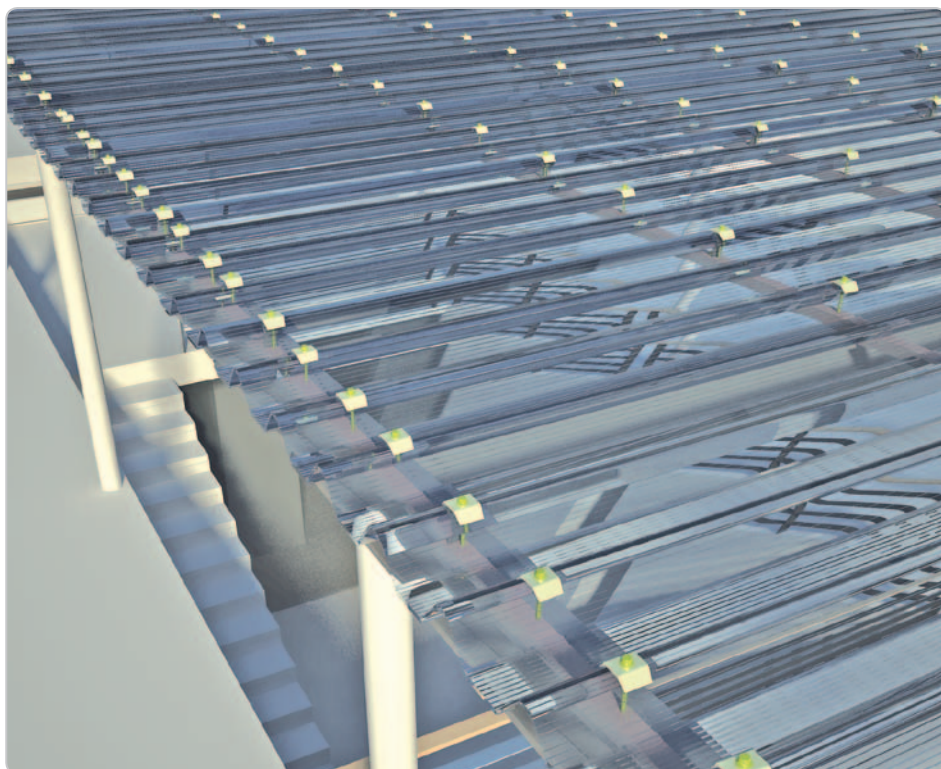
ACCESSORIES

arcoPlus®1000 is a complete system for the construction of translucent curtain walls/roofing. It includes a range of accessories that make it suitable for all purposes. In addition to complete fastening assemblies, the system includes a tongue and groove seal, a flat strip for sealing overlap areas, a range of steel profiles including bracing brackets, and a special press-formed profile to be inserted as a reinforcement on the groove side of the panel. For continuous roofing the panels are arranged with a continuous lateral overlap.

A flat ridge to place over the adjacent ridge profiles completes the range of accessories. Standard panels are supplied with heat-sealed ends to prevent soiling inside the air cells.



ANCHORAGE OF ROOFING
This is done using an aluminium cap with Vipla washer and self-drilling screw.



ACCESSORIES



4234
Aluminium cap with gasket



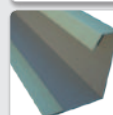
4233
Screw with 6.3x120 Vipla washer



4229
Tongue and groove gasket in PE-LD



4250
Gasket for gutter in PE-LD



4236
Protected steel profile



4235
Central bracing bracket



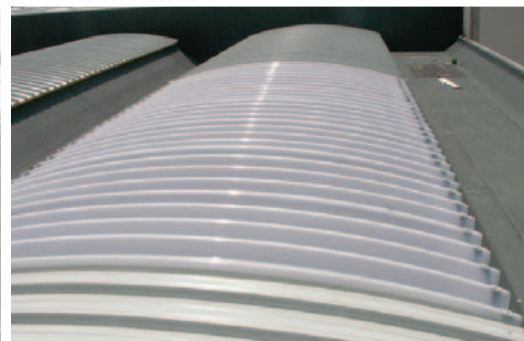
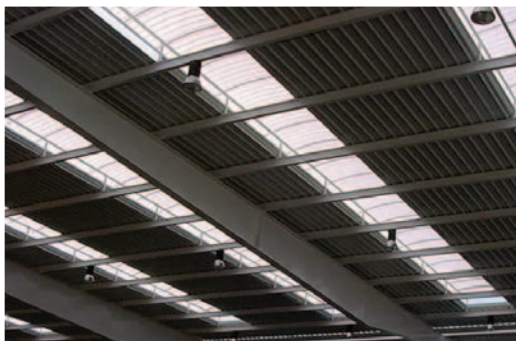
4232
Sealant tape PE-LD 20x10



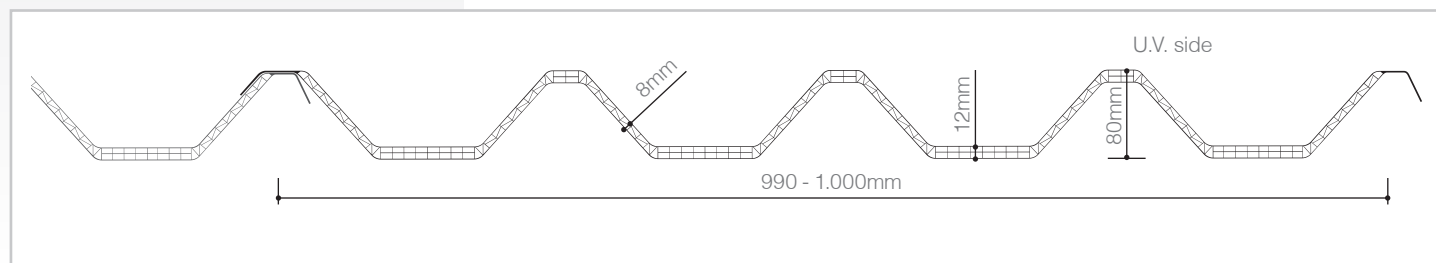
4231
Roof profile (2 pieces)

2.3 MODULAR OVERLAPPING SYSTEMS

arcoPlus®
1000Curvo



PROFILE



Modular system of corrugated UV protected multiwall polycarbonate for curved translucent roofing

PRODUCTION STANDARDS

thickness	variable 8÷12mm
profile height	80mm
structure	3 walls
modular width	990 - 1.000mm
colours available	see page 11

TECHNICAL FEATURES

Thermal insulation	2,7 W/m²K
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
Accidental shock resistance	1.200 Joule

SKYLIGHT PANEL

Creation of skylights, achieved by means of lateral overlapping of translucent components with curved metal insulated panels.

CONTINUOUS ROOFING

Creation of continuous roofing, achieved by means of continuous lateral overlapping of polycarbonate panels. Components are manufactured with a bend radius of R.3,300mm or R.6,000mm.

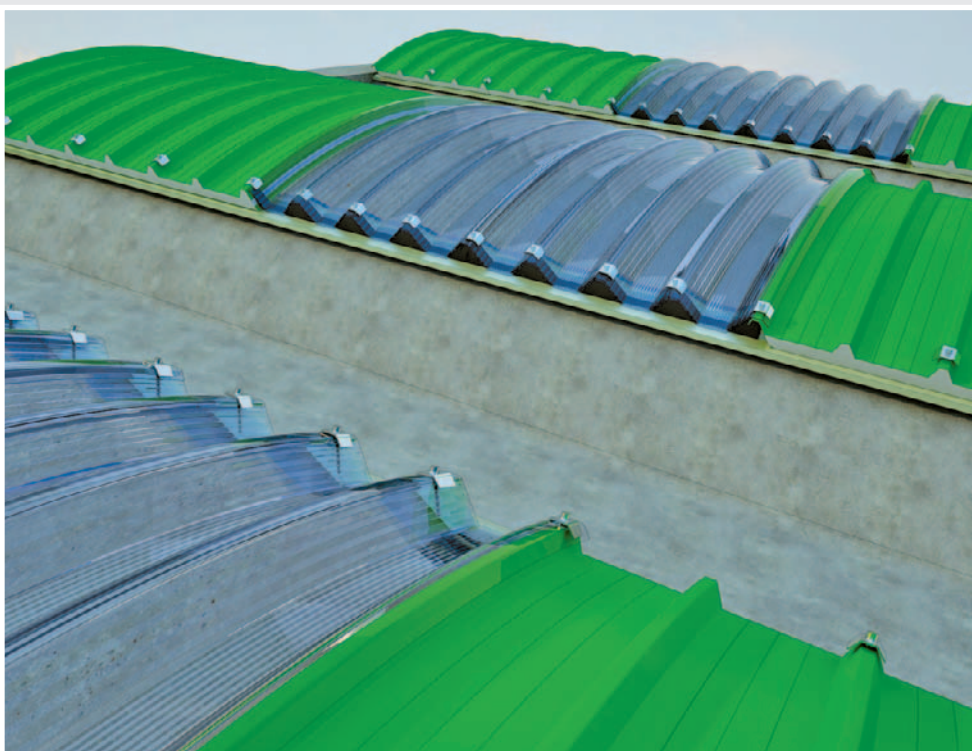
ADVANTAGES

- ❖ High load resistance
- ❖ Longitudinal overlap
- ❖ Thermowelded panels
- ❖ Light transmission
- ❖ Resistance to U.V. rays and to hail
- ❖ Thermal insulation

APPLICATIONS

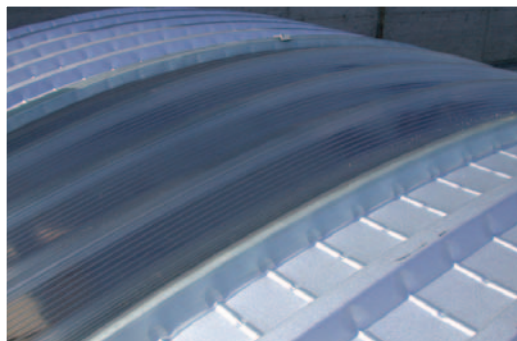
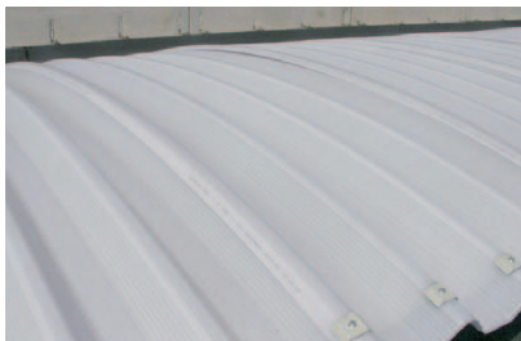


Curved roofing



CURVED ROOFING

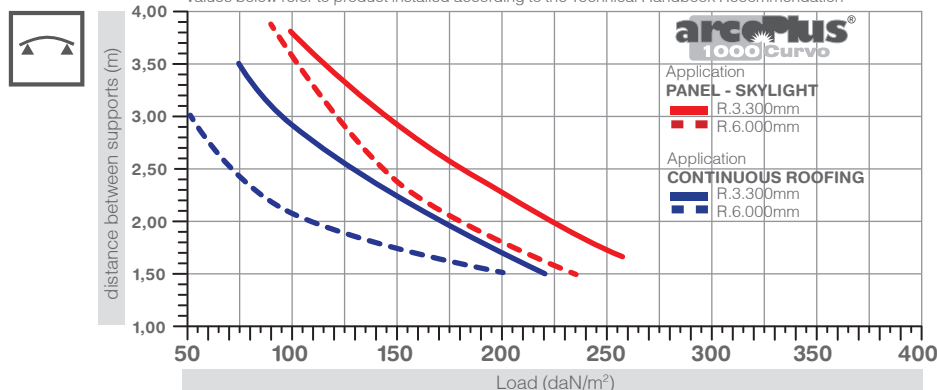
Detail of curved roofing in use with insulated metal panels.



CURVED SYSTEM LOAD RESISTANCE

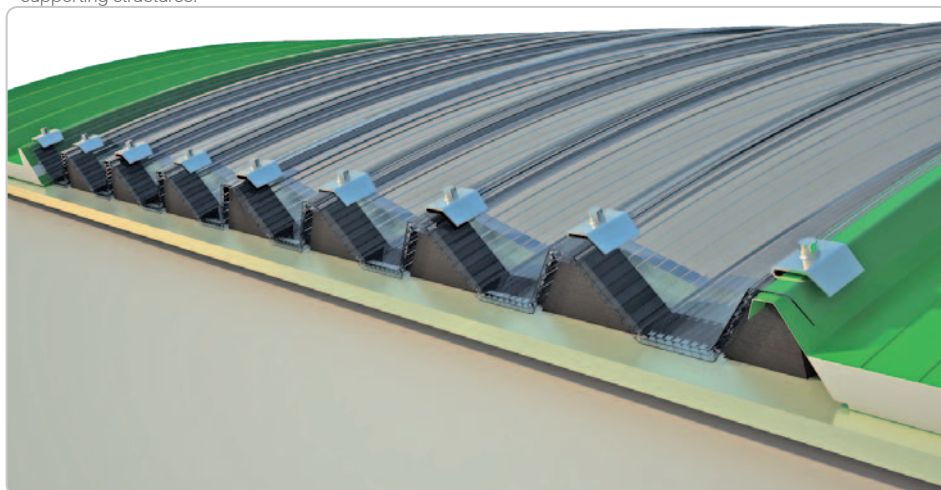
Maximum loads on two supports - R.3.300 - R.6.000mm

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



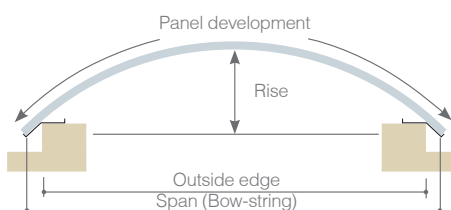
DETAIL OF ANCHORAGE

Detail of anchorage of panels to supporting structures.



DEVELOPMENT TABLE

	R.3.300mm		R.6.000mm	
Span	Rise	Development	Rise	Development
1.000	38	1.016	21	1.008
1.200	55	1.221	30	1.210
1.400	75	1.428	41	1.413
1.600	98	1.636	54	1.615
1.800	125	1.845	68	1.819
2.000	155	2.057	84	2.023
2.200	189	2.270	102	2.227
2.400	226	2.486	121	2.432
2.600	267	2.705	143	2.638
2.800	312	2.927	166	2.845
3.000	361	3.152	191	3.052
3.200	414	3.381	217	3.261
3.400	472	3.615	246	3.470
3.600	534	3.854	276	3.681
3.800	602	4.098	309	3.892
4.000	675	4.349	343	4.105
4.200	754	4.608	380	4.319
4.400	840	4.875	418	4.535
4.600	935	5.151	458	4.752
4.800	1.035	5.439	501	4.971



ACCESSORIES



4234
Aluminium cap
with gasket



4233
Screw with 6.3x120 Vipla
washer



4250
Gasket for gutter
PE-LD



4235
Central bracing
bracket



4232
Sealant tape
PE-LD 20x10

ACCESSORIES

arcoPlus®1000 is a complete system for the construction of translucent roofing and includes a range of accessories that make it suitable for all purposes.

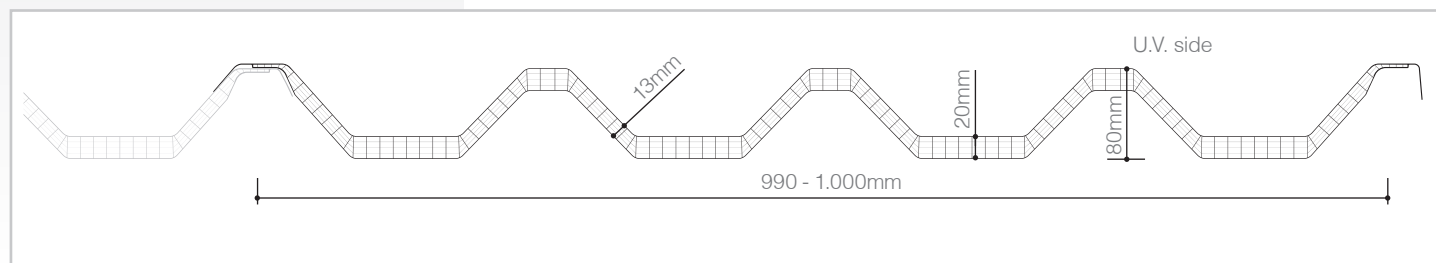
Standard panels are supplied with heat-sealed ends to prevent soiling inside the air cells.

2.3 MODULAR OVERLAPPING SYSTEMS

arcoPlus®
SUPER 1000



PROFILE



Modular system of corrugated UV protected multiwall polycarbonate for translucent curtain walls and roofing

PRODUCTION STANDARDS

thickness	variable 13÷20mm
profile height	80mm
structure	5 walls
modular width	990 - 1.000mm
colours available	see page 11

TECHNICAL FEATURES

Thermal insulation	1,8 W/m²K
Acoustic insulation	18 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
Accidental shock resistance	1.200 Joule

DESCRIPTION

arcoPlus®SUPER1000 is a modular corrugated system consisting of 5 co-extruded polycarbonate walls, in 13÷20mm thickness, perfectly overlapping lengthwise and enabling continuous coverage and skylights filled gutter. Considering the linear thermal expansion of polycarbonate, to avoid cracks at the through fixings the recommended maximum length is 5,000mm.

For higher length of the pitch is better the use of multiple overlapping panels.

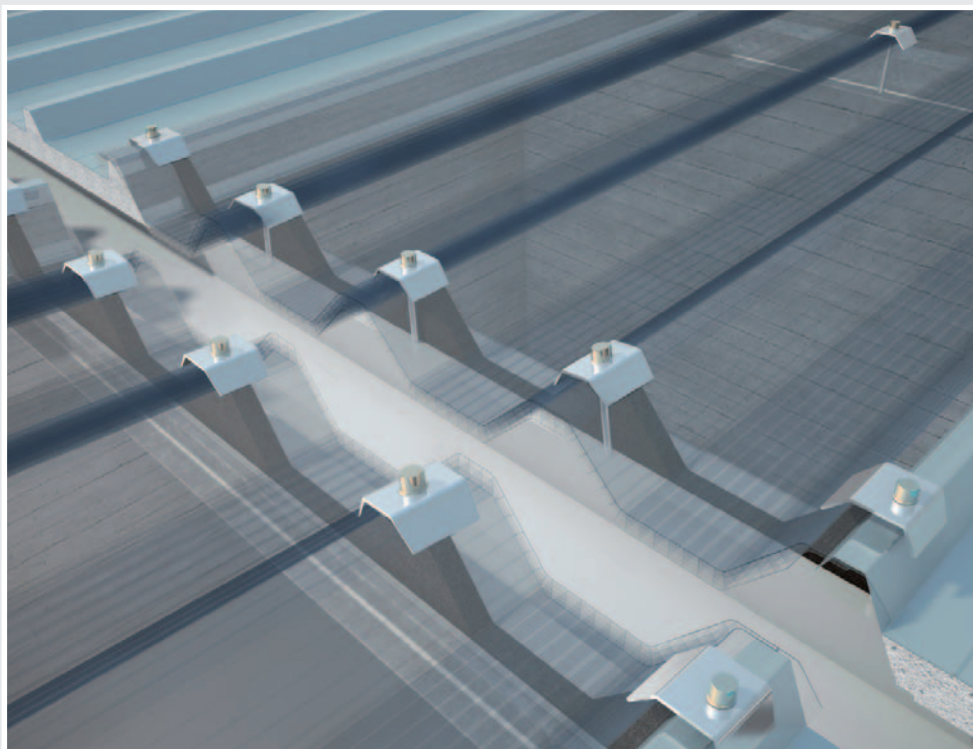
ADVANTAGES

- ❖ High load resistance
- ❖ Longitudinal overlap
- ❖ Transverse overlap
- ❖ Thermowelded panels
- ❖ Light transmission
- ❖ Resistance to U.V. rays and to hail
- ❖ Heat insulation

APPLICATIONS

 Vertical windows

 Roofing



SKYLIGHT - PANEL APPLICATION

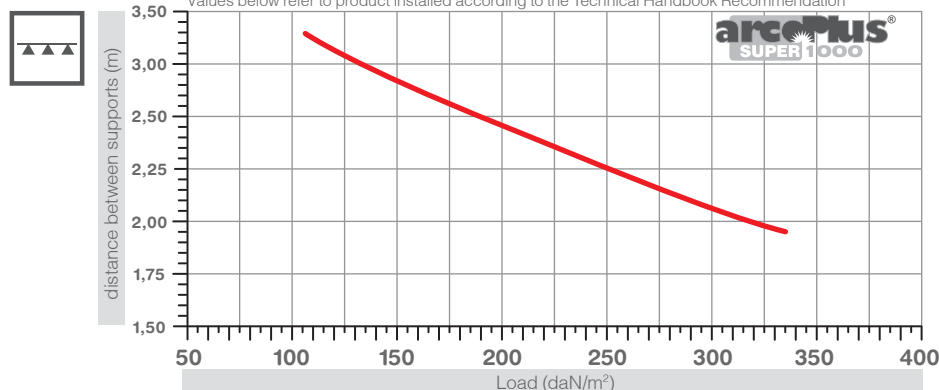
Construction of skylight with lateral overlapping of insulating roofing panels. Detail of valley gutter.



LOAD RESISTANCE SKYLIGHT - SINGLE PANEL SYSTEM

Maximum loads on more supports

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



SKYLIGHT GUTTER RIDGE APPLICATION

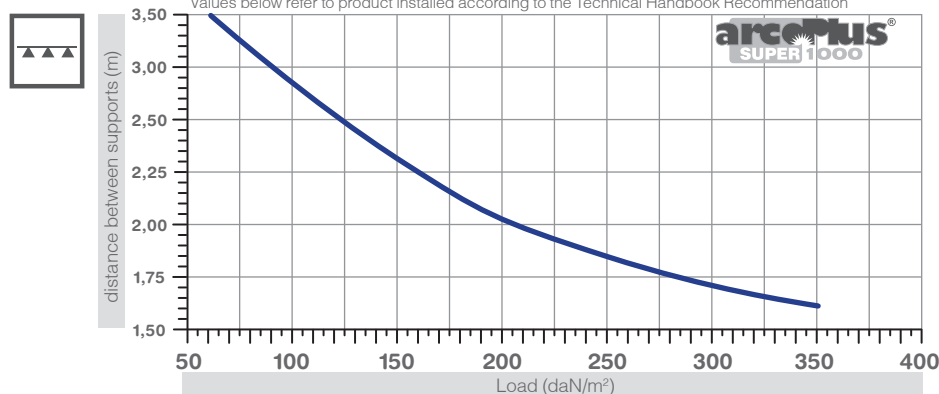
Panels laterally overlapping insulated corrugated metal roofing panels. Thanks to the specific design of the

profile the system is perfectly compatible for overlapping all the main types of panel. Minimum slope 5%.

LOAD RESISTANCE OF MULTIPLE PANEL CONTINUOUS ROOFING SYSTEM

Maximum loads on more supports

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



APPLICATION ON CONTINUOUS ROOFING

Construction of continuous roofing/wall with continuous lateral overlapping of polycarbonate panels. For roofing, recommended minimum slope 7%.

a tongue and groove seal, a flat strip for sealing overlap areas, a range of steel profiles including bracing brackets, and a special press-formed profile to be inserted as a reinforcement on the groove side of the panel. For continuous roofing the panels are arranged with a continuous lateral overlap.

A flat ridge to place over the adjacent ridge profiles completes the range of accessories. Standard panels are supplied with heat-sealed ends to prevent soiling inside the air cells.

ACCESSORIES

arcoPlus®SUPER1000 is a complete system for the construction of translucent curtain walls/roofing. It includes a range of accessories that make it suitable for all purposes. In addition to complete fastening assemblies, the system includes

ACCESSORIES



4234

Aluminium cap with gasket



4233

Screw with 6.3x120 Vipla washer



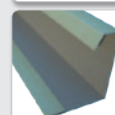
4655

Tongue and groove gasket in PE-LD



4658

Gasket for gutter in PE-LD



4236

Protected steel profile



4235

Central bracing bracket



4232

Sealant tape PE-LD 20x10

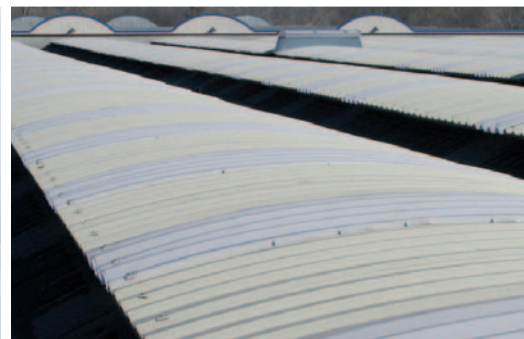


4231

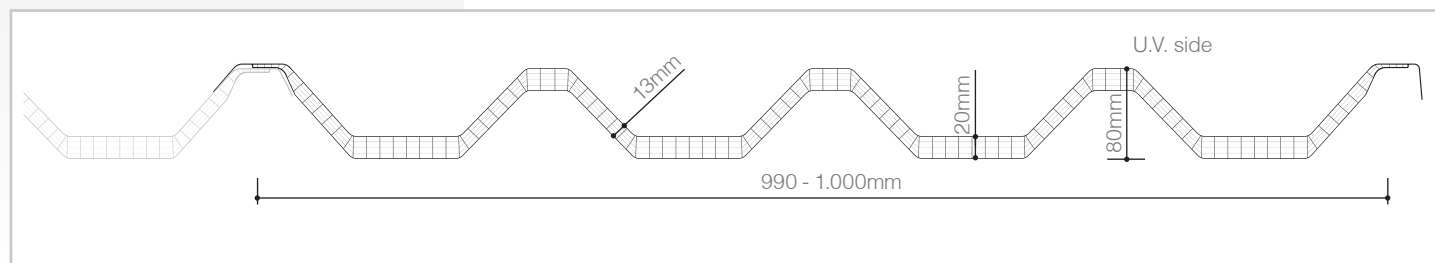
Roof profile (2 pieces)

2.3 MODULAR OVERLAPPING SYSTEMS

arcoPlus®
SUPER 1000Curvo



PROFILE



Modular system of corrugated UV protected multiwall polycarbonate for curved translucent roofing

PRODUCTION STANDARDS

thickness	variable 13÷20mm
profile height	80mm
structure	5 walls
modular width	990 - 1.000mm
colours available	see page 11

TECHNICAL FEATURES

Thermal insulation	1,8 W/m²K
Acoustic insulation	18 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
Accidental shock resistance	1.200 Joule

SKYLIGHT PANEL

Creation of skylights, achieved by means of lateral overlapping of translucent components with curved metal insulated panels.

CONTINUOUS ROOFING

Creation of continuous roofing, achieved by means of continuous lateral overlapping of polycarbonate panels. arcoPlus®SUPER1000 is produced with a radius of curvature R.3.000mm and R. 6.000mm.

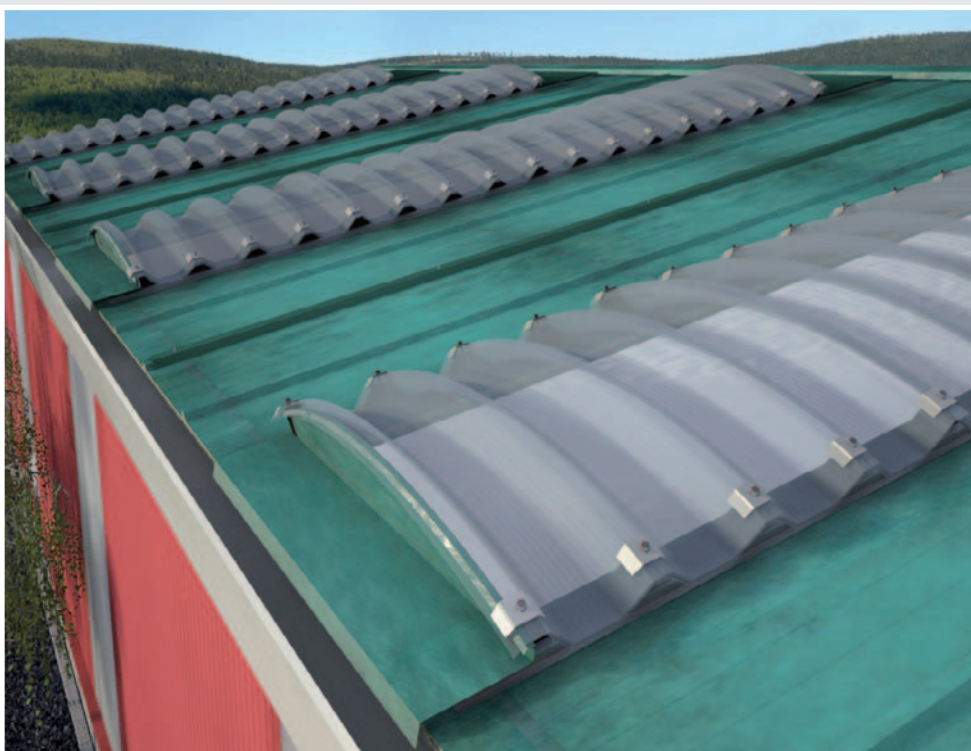
ADVANTAGES

- ❖ High load resistance
- ❖ Longitudinal overlap
- ❖ Thermowelded panels
- ❖ Light transmission
- ❖ Resistance to U.V. rays and to hail
- ❖ Thermal insulation

APPLICATIONS

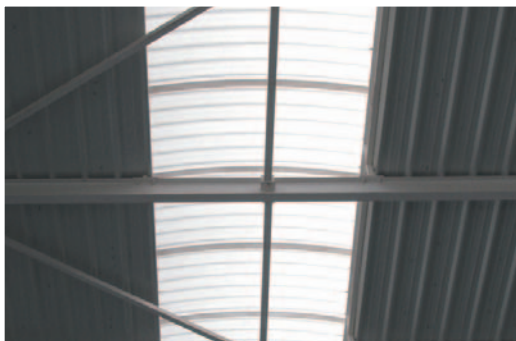


Curved roofing

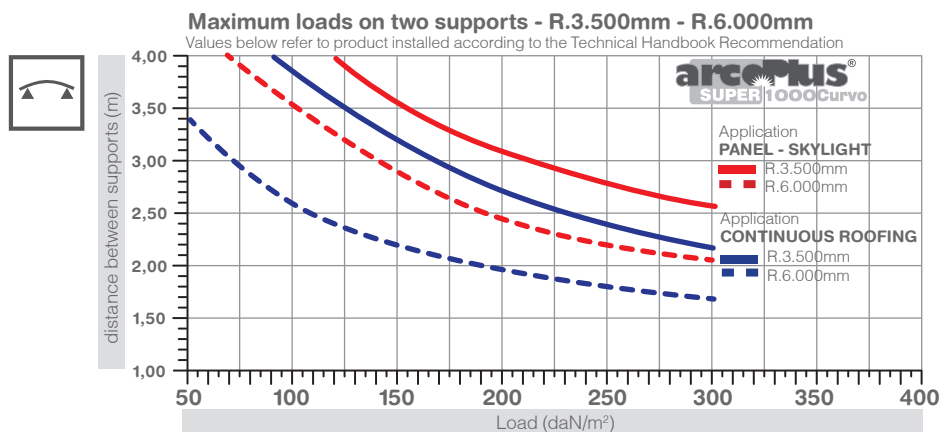


SKYLIGHT PANELS APPLICATION

Skylight gutter ridge application with cross disposition of the bent panels in polycarbonate

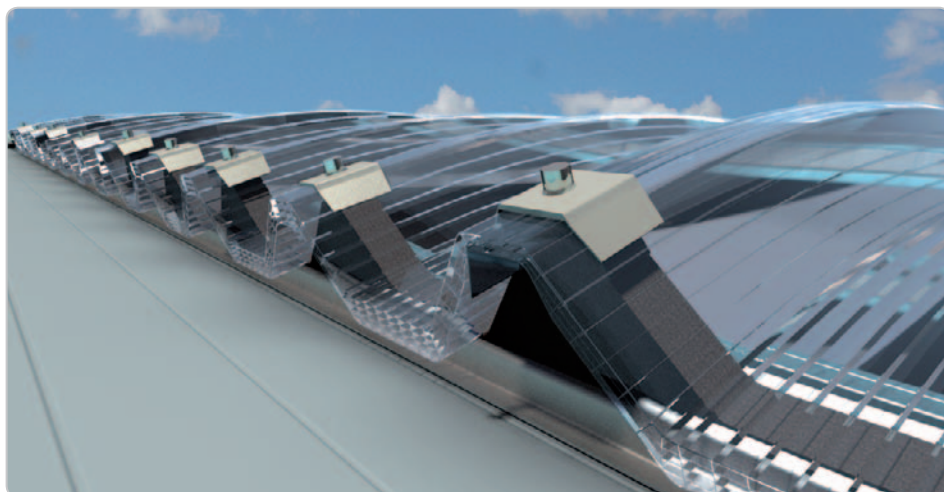


RESISTENZA AL CARICO SISTEMA CURVO



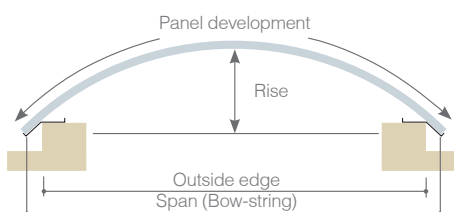
DETAIL OF ANCHORAGE

detail of fixing panels to support structures



DEVELOPMENT TABLE

	R.3.500mm		R.6.000mm	
Span	Rise	Development	Rise	Development
1.000	36	1.015	21	1.008
1.200	52	1.220	30	1.210
1.400	71	1.426	41	1.413
1.600	93	1.633	54	1.615
1.800	118	1.841	68	1.819
2.000	146	2.051	84	2.023
2.200	177	2.264	102	2.227
2.400	212	2.478	121	2.432
2.600	250	2.694	143	2.638
2.800	292	2.914	166	2.845
3.000	338	3.136	191	3.052
3.200	387	3.361	217	3.261
3.400	441	3.591	246	3.470
3.600	498	3.824	276	3.681
3.800	561	4.063	309	3.892
4.000	628	4.306	343	4.105
4.200	700	4.556	380	4.319
4.400	778	4.812	418	4.535
4.600	862	5.077	458	4.752
4.800	952	5.350	501	4.971



ACCESSORIES

arcoPlus®SUPER1000 is a complete system for the construction of translucent roofing and includes a range of accessories that make it suitable for all purposes. Standard panels are supplied with heat-sealed ends to prevent soiling inside the air cells.

ACCESSORIES



4234

Aluminium cap
with gasket



4233

Screw with 6.3x120
Vipla washer



4658

Gasket for gutter
PE-LD



4235

Central bracing
bracket



4232

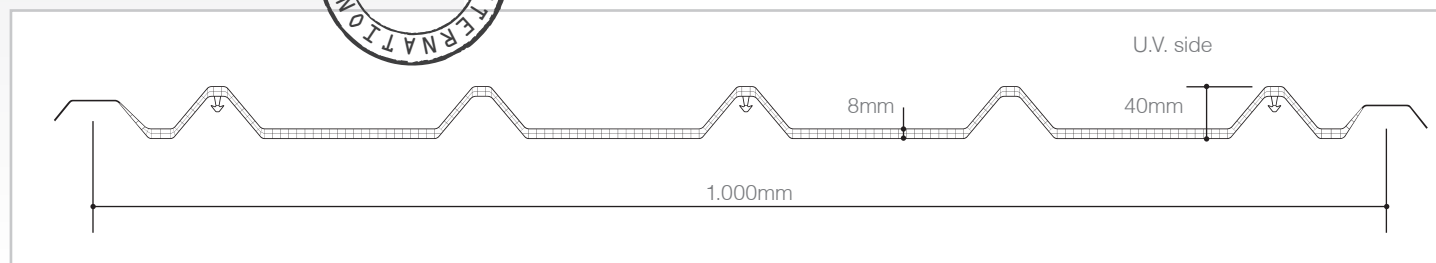
Sealant tape
PE-LD 20x10

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/m²K
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.

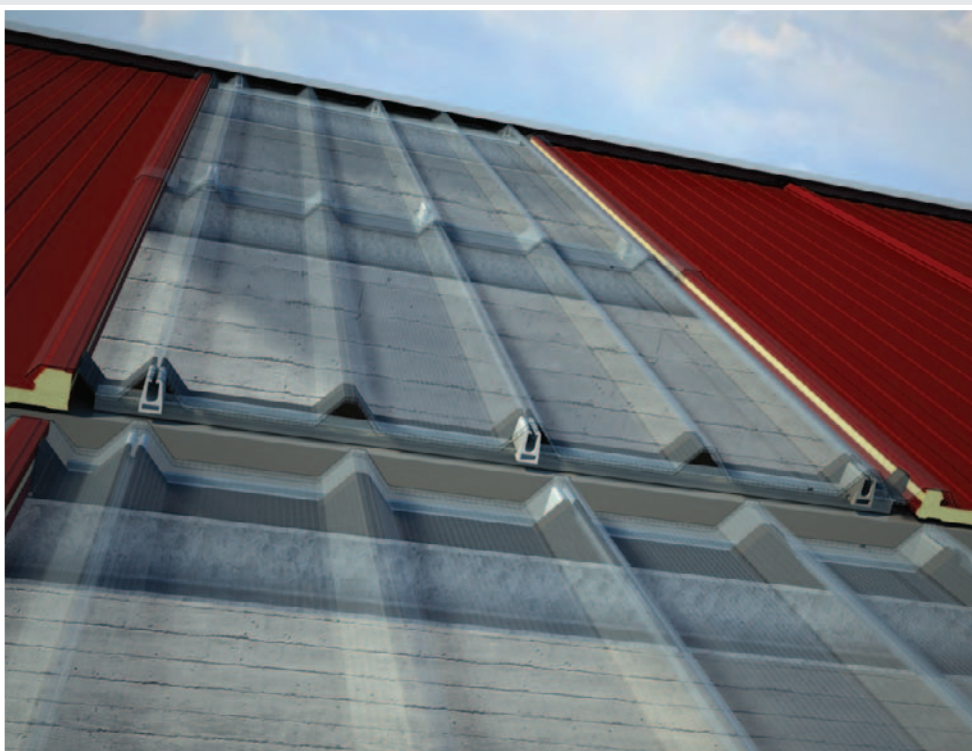
N.B. arcoPlus®GrecaCLICK
Supplied with thermowelded ends

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%.

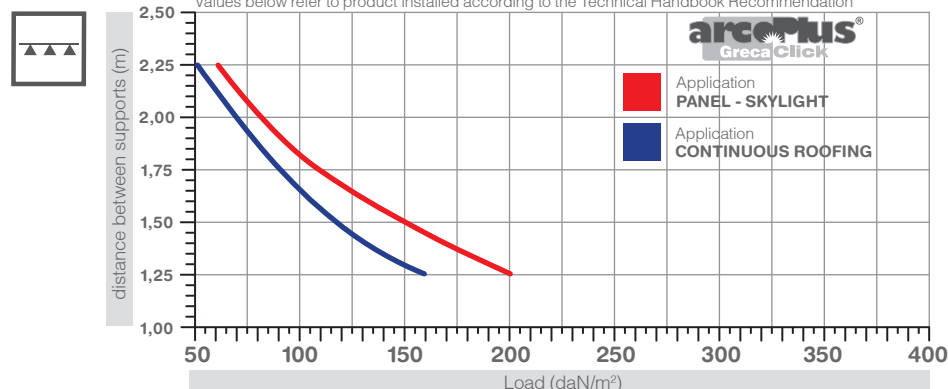
CONTINUOUS ROOFING APPLICATION

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

LOAD RESISTANCE

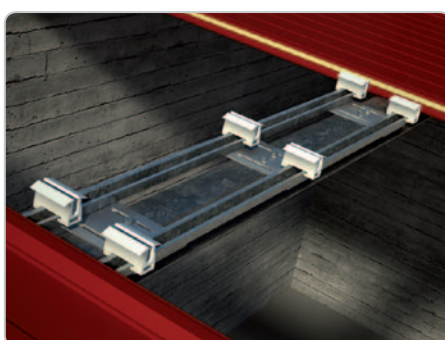
Maximum loads on more supports

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



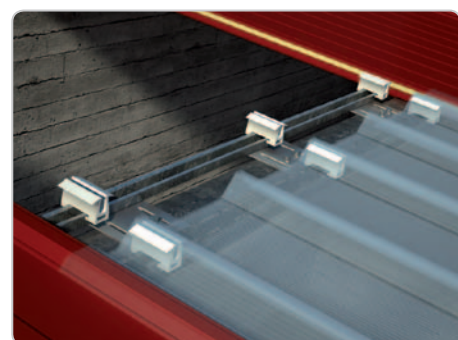
DETAIL OF RIDGE

Detail of ridge with PE-LD seal



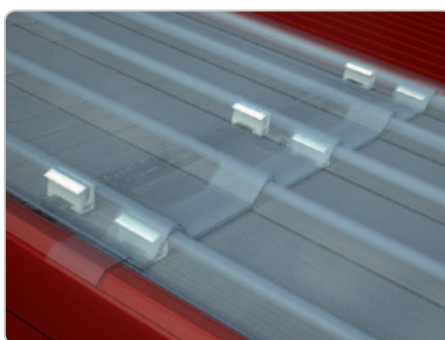
OVERLAP - STEP 1

Detail of double anchor bracket anchored to roofing structure



OVERLAP - STEP 2

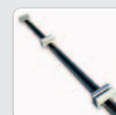
Insertion of lower sheet by pressing



OVERLAP - STEP 3

Insertion of upper sheet by pressing

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

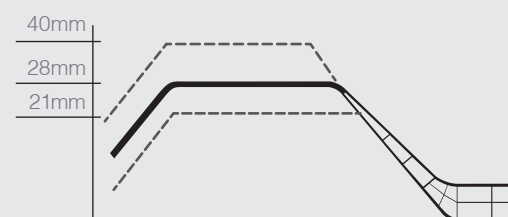
4407 Kit 20

4408 Kit 30

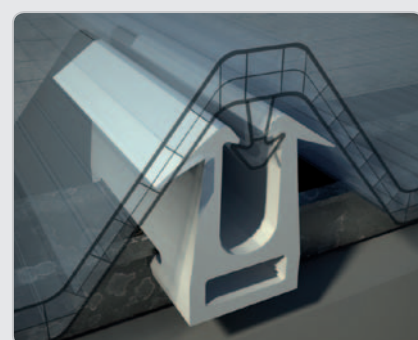
4409 Kit 40

PE-LD GrecaClick ridge bird comb kit

N.B. arcoPlus®GrecaCLICK
Supplied with thermowelded ends

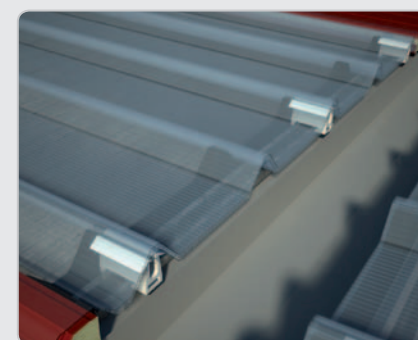


The ends of the sheets can be modified for use with different roofing profiles.



ANCHORAGE OF ROOFING

This is done by pressing onto the anchor bracket.



DETAIL OF GUTTER

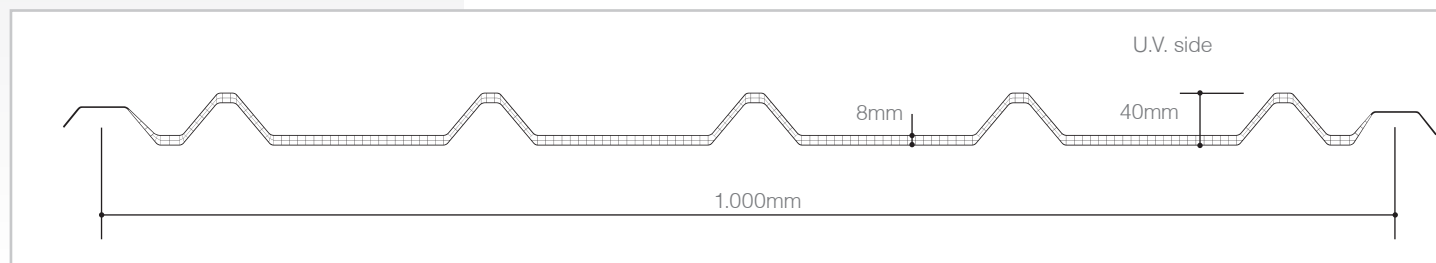
Detail of insertion of the PE-LD seal.

2.3 MODULAR OVERLAPPING SYSTEMS

arcoPlus®
MiniGreca



PROFILE



Modular system of corrugated UV protected multiwall polycarbonate for translucent curtain walls and roofing applications

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/m²K
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

arcoPlus®MiniGreca, is a complete system for the construction of translucent curtain walls and roofing and includes a range of accessories that make it suitable for all purposes. Thanks to the specific design of the profile the system is perfectly compatible with all the main types of panel.

N.B. arcoPlus®MiniGreca
Supplied with thermowelded ends

ADVANTAGES

- ❖ Transverse and longitudinal overlap
- ❖ Resistance to U.V. rays and to hail
- ❖ Light transmission
- ❖ Thermowelded sheets
- ❖ Heat insulation

APPLICATIONS



Roofing and skylights



SKYLIGHT - PANEL APPLICATION
Skylight gutter ridge application



SKYLIGHT GUTTER RIDGE APPLICATION

Skylight obtained by means of lateral overlapping with any type of corrugated roofing sheet.

Recommended minimum slope 5%.

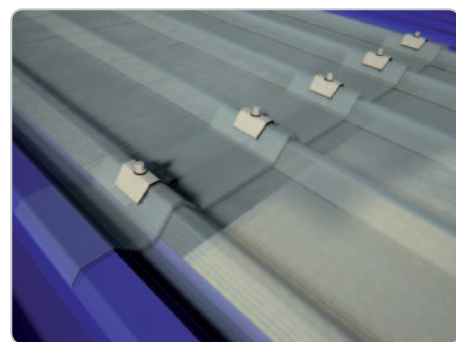
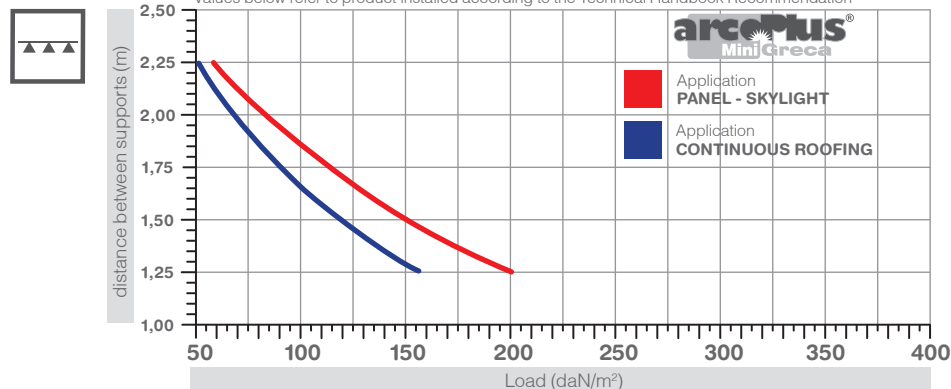
CONTINUOUS ROOFING APPLICATION

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

LOAD RESISTANCE

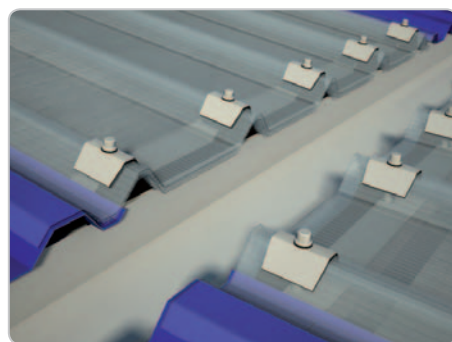
Maximum loads on more supports

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



DETAIL OF OVERLAP

Detail of double anchor bracket anchored to roofing structure



DETAIL OF GUTTER

Detail of insertion of the PE-LD seal.



CONTINUOUS ROOFING

Creation of large areas of transparent roofing.



CONTINUOUS ROOFING

Anchorage of roof components

ACCESSORIES



4433

Aluminium cap with gasket



4233

Screw with 6.3x60 Vipla washer



4406 Kit 0 - 40

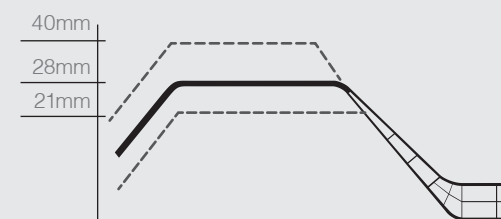
4404 Kit 21 - 28

PE-LD GrecaClick ridge bird comb kit

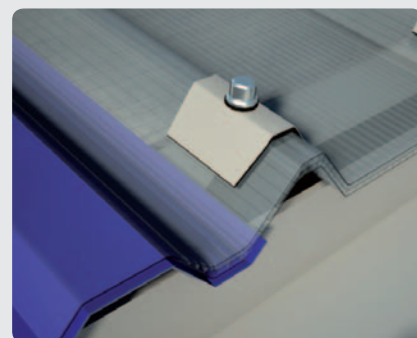


4405

Gasket for gutter PE-LD



The ends of the sheets can be modified to fit the different types of roofing profile.

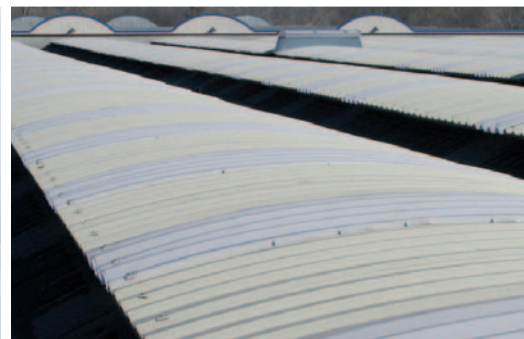


ANCHORAGE OF ROOFING

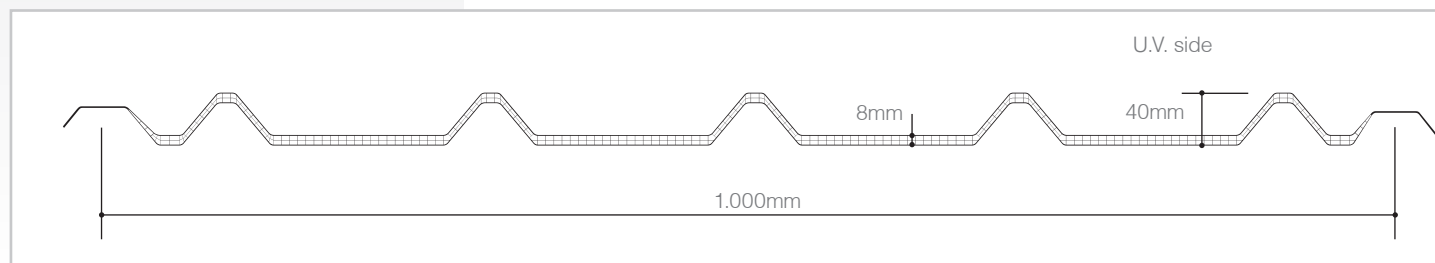
This is done by drilling and inserting a screw with Vipla washer and cap.

2.3 MODULAR OVERLAPPING SYSTEMS

arcoPlus®
Mini GrecaCurvo



PROFILE



**Modular system
of corrugated UV
protected multiwall
polycarbonate for
curved translucent
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

EASY AND LOW-COST INSTALLATION

Creation of continuous roofing, or skylight, achieved by means of continuous lateral overlapping of polycarbonate panels with curved metal insulated panels.

N.B. arcoPlus®MiniGreca
Supplied with thermowelded ends.

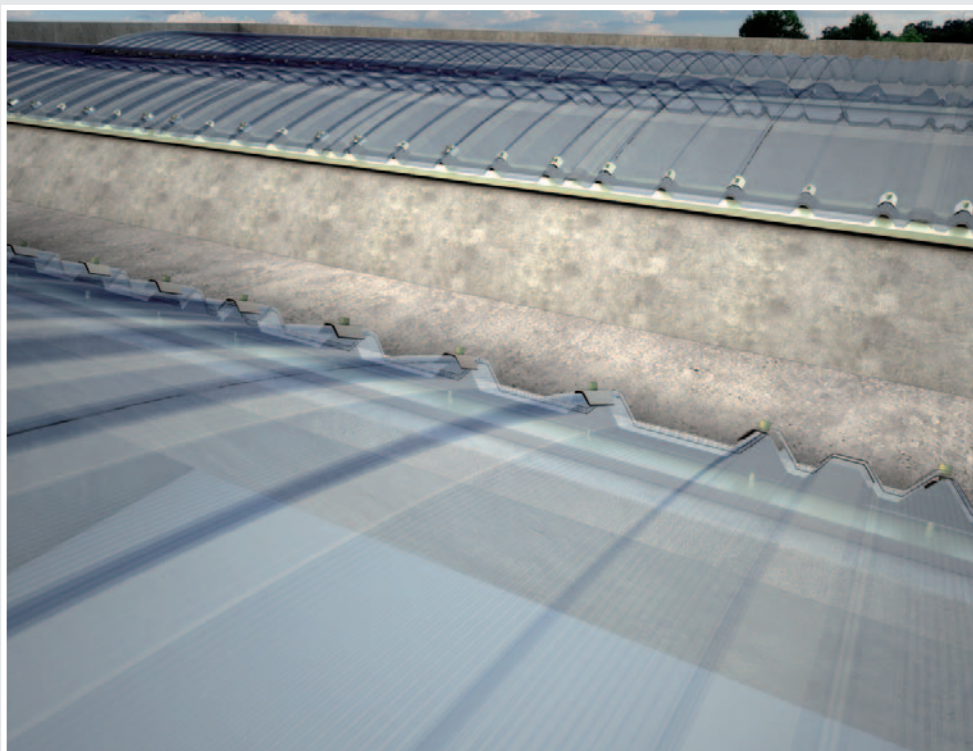
ADVANTAGES

- ❖ Transverse and longitudinal overlap
- ❖ Resistance to U.V. rays and to hail
- ❖ Light transmission
- ❖ Thermowelded sheets
- ❖ Heat insulation

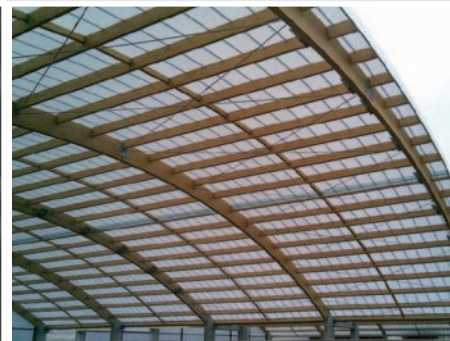
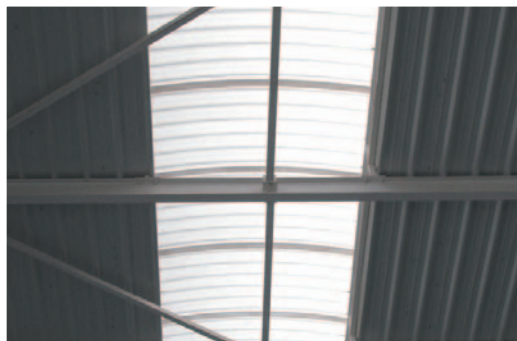
APPLICATIONS



Roofing and skylights



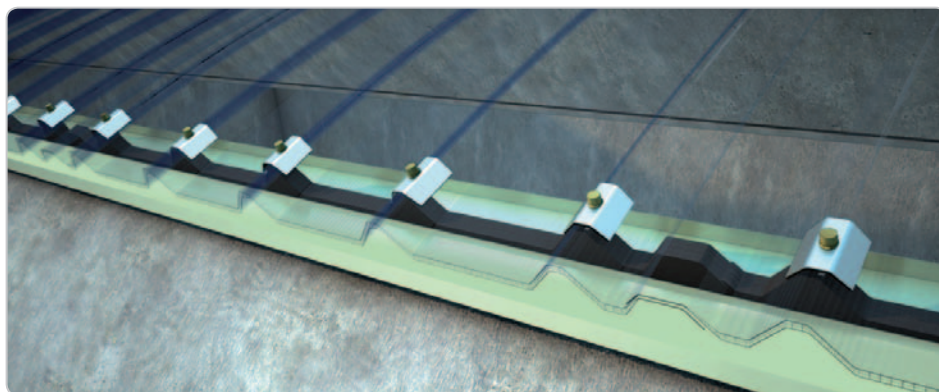
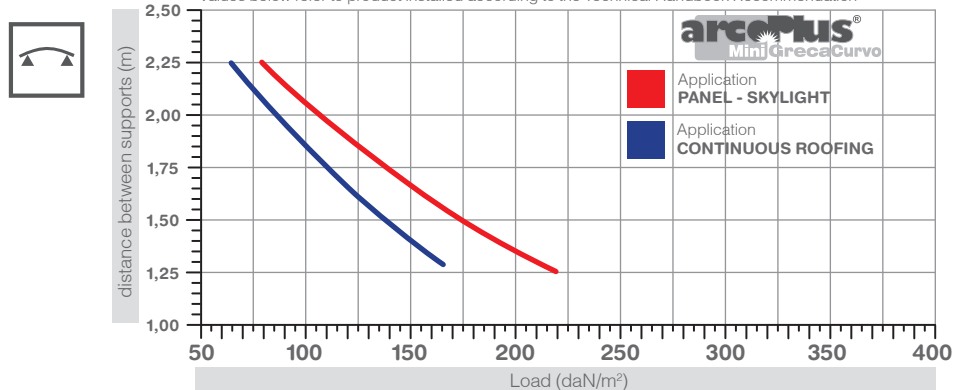
CONTINUOUS ROOFING APPLICATION
Industrial continuous roofing



CURVED SYSTEM LOAD RESISTANCE

Maximum loads on two supports - R.3.500mm

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



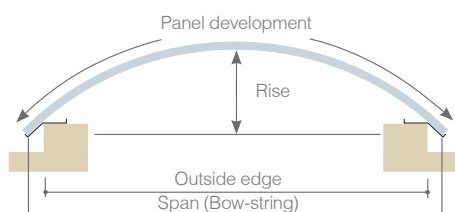
DETAIL OF OVERLAP

Detail of double anchor bracket
anchored to roofing structure

DEVELOPMENT TABLE

R.3.500mm

Span	Rise	Development
1.000	36	1.009
1.200	52	1.213
1.400	71	1.418
1.600	93	1.623
1.800	118	1.831
2.000	146	2.040
2.200	177	2.251
2.400	212	2.466
2.600	250	2.679
2.800	292	2.897
3.000	338	3.118



ACCESSORIES



4433

Aluminium cap
with gasket



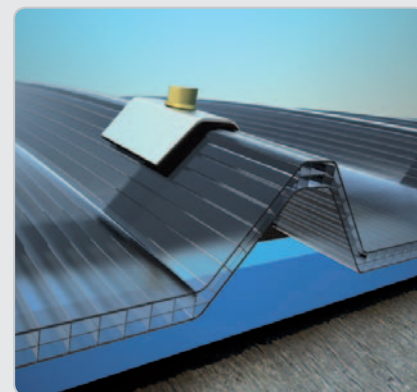
4233

Screw with 6.3x60
Vipla washer



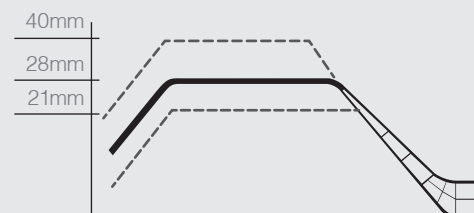
4405

Gasket for gutter
PE-LD



ANCHORAGE OF ROOFING

This is done by drilling and inserting a screw with
Vipla washer and cap.



The ends of the sheets can be modified to
fit the different types of roofing profile.

ACCESSORIES

arcoPlus®MiniGreca is a complete system for the construction of translucent roofing and includes a range of accessories that make it suitable for all purposes.

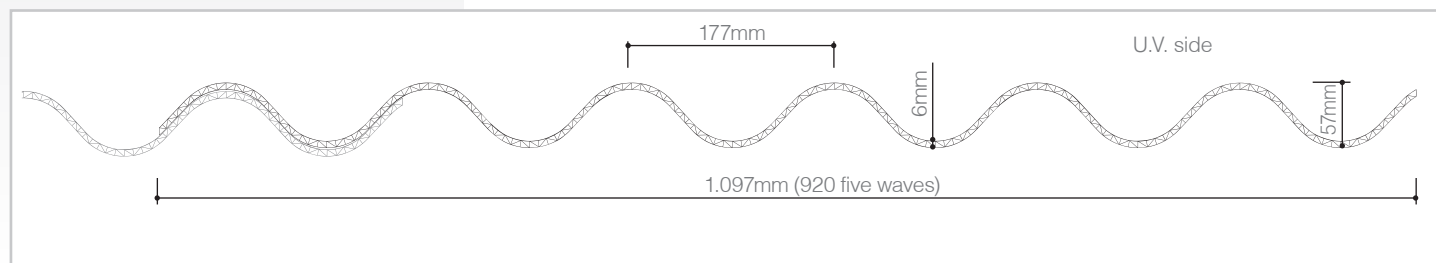
Standard panels are supplied with heat-sealed ends to prevent soiling inside the air cells.

2.3 MODULAR OVERLAPPING SYSTEMS

arcePlus®
Onda



PROFILE



**Modular system
of corrugated UV
protected multiwall
polycarbonate for
vertical walls and
roofings translucent
and opaque**

PRODUCTION STANDARDS

thickness	6mm
profile height	51mm
corrugation pitch	177mm
structure	3 walls with "N" structure
modular width	1.050mm (875 on request)
length	5.000mm (max advised length)
colours available	see page 11

TECHNICAL FEATURES

Thermal insulation	3,2 W/m²K
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
Accidental shock resistance	1.200 Joule



OVERLAP
detail of overlapping components

ADVANTAGES

- ❖ High load resistance
- ❖ Longitudinal and lateral overlap
- ❖ Thermowelded panels
- ❖ Light transmission
- ❖ Resistance to U.V. rays and to hail
- ❖ Heat insulation
- ❖ Easy to install

APPLICATIONS

 Vertical windows

 Roofing





SKYLIGHT GUTTER RIDGE APPLICATION

Panels laterally overlap insulated corrugated roofing panels, or fibre cement sheets. Recommended minimum slope 7%.

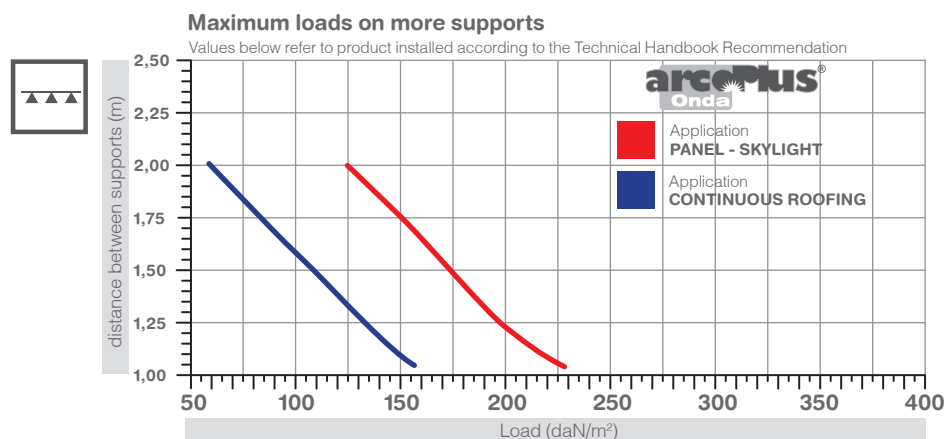


ROOFING-CONTINUOUS WALL APPLICATION

Construction of continuous roofing/wall with continuous lateral overlapping of polycarbonate panels.



FLAT SYSTEM LOAD RESISTANCE

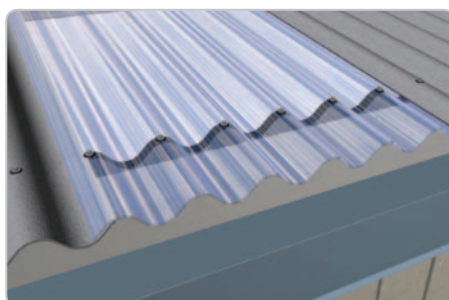


EASY AND LOW-COST INSTALLATION

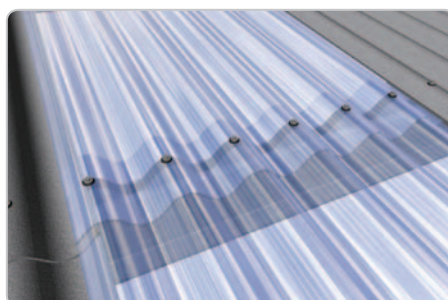
The arcoPlus®Onda Piano system can be used to construct continuous translucent roofing or combined with fibre cement sheets. The panels must be installed with the UV protected side facing the exterior, to preserve the optical and mechanical properties of the material. If one or more transverse overlaps are required, installation must start from the cover foot (bottom) and then proceed

upwards towards the ridge following the slope of the roof. In particularly windy areas, two-flute overlaps are advisable.

Overlapping can be used to create gutter ridge skylights and continuous skylights with lateral panel overlap.



COVER FOOT
detail of gutter line with gasket.



PARTICOLARE SOVRAPPOSIZIONE
detail of overlapping components.

ACCESSORIES



4256
Gasket for gutter
PE-LD



4262 6,3 X 20
4261 6,3 X 90
4374 6,3 X 120
Fixing screw with Buzzer



4232
Sealant tape
PE-LD 20x10

ACCESSORIES

arcoPlus®Onda, system has a complete set of accessories enabling simple installation.

The structure has fixing elements, and gaskets in order to increase resistance in overlapped areas.

arcoPlus®Onda is delivered, as a standard product, with thermowelded extremities.

THERMOWELDING

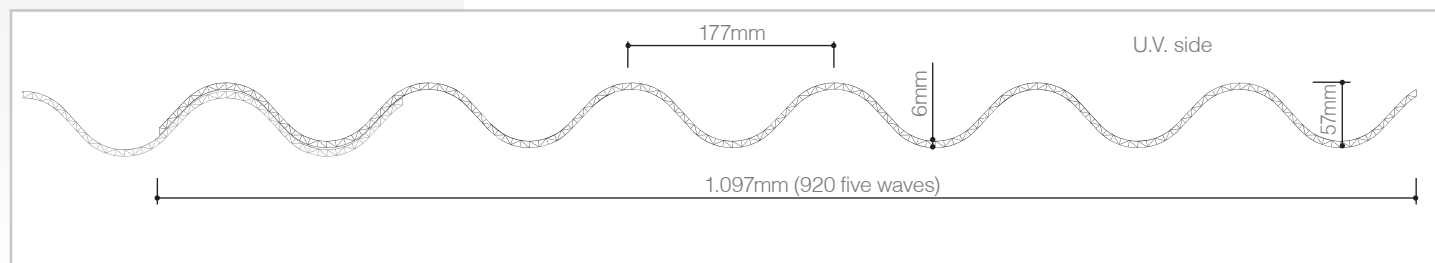
arcoPlus®Onda is delivered, as a standard product, with thermowelded extremities, up to a max length of 5.000mm.

2.3 MODULAR OVERLAPPING SYSTEMS

arcoPlus®
Onda Curvo



PROFILE



**Modular system
of corrugated UV
protected multiwall
polycarbonate for
curved translucent
and opaque roofing**

PRODUCTION STANDARDS

thickness	6mm
profile height	51mm
corrugation pitch	177mm
structure	3 walls with "N" structure
modular width	1.050mm (875 on request)
length	5.000mm (max advised length)
colours available	see page 11

TECHNICAL FEATURES

Thermal insulation	3,2 W/m²K
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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
Accidental shock resistance	1.200 Joule

CURVED SYSTEM APPLICATION

The arcoPlus®Onda Curvo system can be used to create continuous translucent roofing or used, by means of lateral overlapping, with curved fibre cement sheets or insulating panels with a curve radius of R.3,500mm.

The arcoPlus®Onda profile must be installed with the UV protected side facing the exterior, to preserve the optical and mechanical properties of the material.

ADVANTAGES

- ❖ High load resistance
- ❖ Longitudinal and lateral overlap
- ❖ Thermowelded panels
- ❖ Light transmission
- ❖ Resistance to U.V. rays and to hail
- ❖ Heat insulation

APPLICATIONS



Curved roofing

