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POLYCARBONATE SYSTEMS & SHEETS

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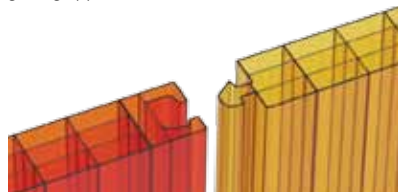
MODULAR INTERLOCKING SYSTEMS

POLYCARBONATE UV-PROTECTED

arcoPlus®
 324

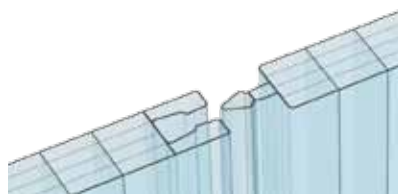
arcoPlus®324

modular system in polycarbonate multiwall UV-protected, ideal to create curtain walls and glazing applications.


arcoPlus®
 625

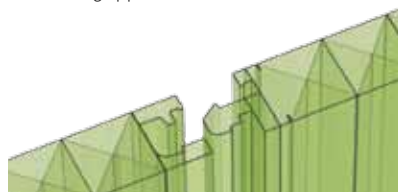
arcoPlus®625

modular system of UV-protected multiwall polycarbonate for vertical window applications.


arcoPlus®
 344x

arcoPlus®344x

modular system of UV-protected multiwall polycarbonate for vertical window and translucent roofing applications.


arcoPlus®
 549

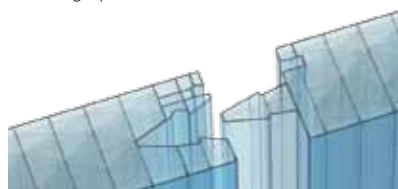
arcoPlus®549

modular system of multiwall UV-protected polycarbonate used for window, roofing and translucent applications.


arcoWall®
 5613

arcoWall®5613

modular system of multiwall UV-protected polycarbonate for vertical translucent curtain walls, high-performance continuous facades.


We are the answer

thickness	20 mm
structure	4 walls
modular width	333 mm
thermal insulation	1,8 W/m²K
acoustic insulation	16 dB
fire reaction EN 13501-1	EuroClass B-s1,d0

SPECIAL TREATMENT


thickness	20 mm
structure	5 walls
modular width	667 mm
thermal insulation	1,7 W/m²K
acoustic insulation	16 dB
fire reaction EN 13501-1	EuroClass B-s1,d0

SPECIAL TREATMENT


thickness	40 mm
structure	4 walls
modular width	333 mm
thermal insulation	1,7 W/m²K
acoustic insulation	19 dB
fire reaction EN 13501-1	EuroClass B-s1,d0

SPECIAL TREATMENT


thickness	40 mm
structure	9 walls
modular width	500 mm
thermal insulation	1,0 W/m²K
acoustic insulation	22 dB
fire reaction EN 13501-1	EuroClass B-s1,d0

SPECIAL TREATMENT


thickness	60 mm
structure	13 walls
modular width	500 mm
thermal insulation	0,7 W/m²K
acoustic insulation	28 dB
fire reaction EN 13501-1	EuroClass B-s1,d0

SPECIAL TREATMENT


Special treatment LEGEND: Caleido: infinite range of colors / AR: inner coating anti-glare / IR: solar-heat control / UV-TECH: warranty UV-protected of 15 years / AG: anti-graffiti and anti-scratch surface treatment

BICOLOR: different colors on the two sides / **UV-MATT:** external finish to diffuse light

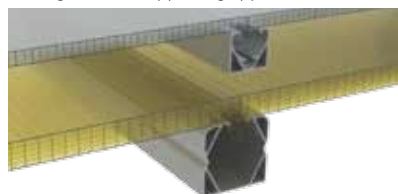
CONNECTOR MODULAR SYSTEMS

POLYCARBONATE UV-PROTECTED

arcoPlus®
SERIE 600

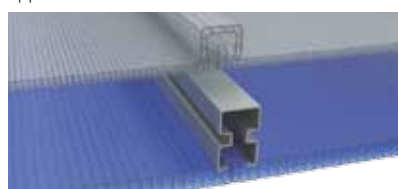
arcoPlus®serie600

modular system of multiwall UV-protected PC used for translucent curtain walls, flat or curved roofing and self-supporting applications.


arcoPlus®
Reverso 600

arcoPlus®Reverso600

modular system of multiwall 2-sided UV-protected PC for translucent flat or curved roofing applications.


arcoPlus®
626 SISTEMA
Double connector

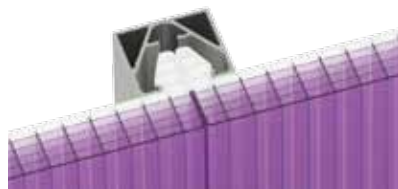
arcoPlus®626 Double connector

modular system of multiwall UV-protected PC used for translucent curtain walls and roofing. Specific for applications where a high coefficient of thermal insulation is required.


arcoPlus®
626 VENTILATED
Facade system

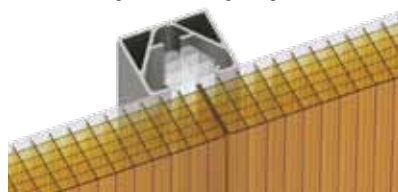
arcoPlus®626 Ventilated facade

modular system of multiwall polycarbonate U.V. protected, for the creation of facade cladding and ventilated facades.


arcoPlus®
SERIE 900

arcoPlus®900

modular system of multiwall PC U.V. protected for the creation of cladding, self-supporting roofing, curved roofing and vertical glazing.


We are the answer

thickness	8-10-12-20 mm
structure	4-6 walls
modular width	600 mm
thermal insulation	3,3-3,0-2,7-1,7 W/m²K
acoustic insulation	18-19-20 dB
fire reaction EN 13501-1	EuroClass B-s1,d0

SPECIAL TREATMENT


thickness	8-10-12-20 mm
structure	4-6 walls
modular width	600 mm
thermal insulation	3,3-3,0-2,7-1,7 W/m²K
acoustic insulation	18-19-20 dB
fire reaction EN 13501-1	EuroClass B-s1,d0

SPECIAL TREATMENT


thickness	90 mm
structure	6+4+6 walls
modular width	600 mm
thermal insulation	0,7-0,5 W/m²K
acoustic insulation	25-27 dB
fire reaction EN 13501-1	EuroClass B-s1,d0

SPECIAL TREATMENT


thickness	20 mm
structure	6 walls
modular width	600 mm
thermal insulation	1,7 W/m²K
acoustic insulation	20 dB
fire reaction EN 13501-1	EuroClass B-s1,d0

SPECIAL TREATMENT

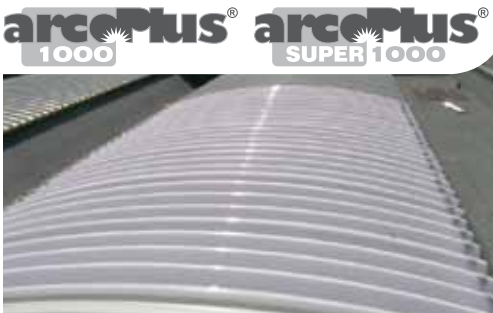

thickness	20-25-32 mm
structure	7 walls
modular width	900 mm
thermal insulation	1,7-1,4-1,3 W/m²K
acoustic insulation	21 dB
fire reaction EN 13501-1	EuroClass B-s1,d0

SPECIAL TREATMENT


Special treatment LEGEND: **Caleido:** infinite range of colors / **AR:** coating anti-glare on inner side / **IR:** solar-heat control / **UV-TECH:** warranty UV-protected of 15 years / **AG:** anti-graffiti and anti-scratch surface treatment
BICOLOR: different colors on the two sides / **AR-ABSOLUTE:** colored opaque inner side / **UV-MATT:** external finish to diffuse light

OVERLAPPING SYSTEMS

POLYCARBONATE UV-PROTECTED



arcoPlus®1000 and **SUPER1000** are modular systems with corrugated PC sheets UV protected used to create flat or curved roofing, translucent curtain walls and skylight. They can be used in continuous applications or with other insulated corrugated panels.



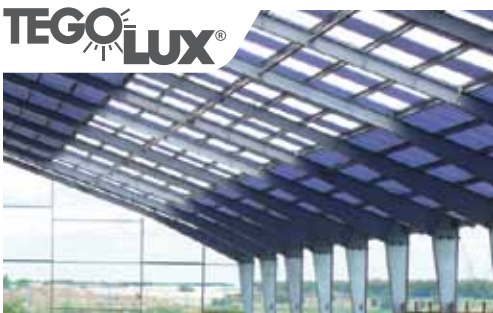
arcoPlus®MiniGreca e **GrecaClick** are modular systems with corrugated PC sheets UV protected used to realize flat or curved roofing and skylight. They can be used in continuous applications or with other insulated metal and corrugated panels.



arcoPlus®Onda is a modular system with corrugated (undulating profile) PC sheets UV -used to create flat or curved translucent and opaque roofing.



corrugated sheets with “Microalveolare structure” for roofing, covering and transparent curtain walls. They can be used in continuous applications or with other insulated metal and corrugated panels.



corrugated sheets in compact PC U.V.-protected to create light roofing and transparent covering. They can be used in continuous applications or with other insulated metal and corrugated panels.



Special treatment LEGEND: IR: solar-heat contro / UV-TECH: warrenty UV-protected of 15 years

We are the answer

thickness	var.8/12 e 13/20 mm
profile height	80 mm
structure	3-5 walls
modular width	990-1.000 mm
thermal insulation	2,7-1,8 W/m²K
acoustic insulation	16-18 dB
fire reaction EN 13501-1	EuroClass B-s1,d0

SPECIAL TREATMENT



thickness	8 mm
profile height	40 mm
structure	3 walls
modular width	1.000 mm
thermal insulation	3,0 W/m²K
acoustic insulation	16 dB
fire reaction EN 13501-1	EuroClass B-s1,d0

SPECIAL TREATMENT



thickness	6 mm
structure	3N walls
modular width	1.097-920 mm
thermal insulation	3,2 W/m²K
acoustic insulation	16 dB
fire reaction EN 13501-1	EuroClass B-s1,d0

SPECIAL TREATMENT



thickness	2,5 - 3,0 mm
light trasmission	Cristallo 85%
thermal insulation	4,6 W/m²K
fire reaction EN 13501-1	EuroClass B-s1,d0

SPECIAL TREATMENT



The various shapes of PC sheets TEGOLUX® are compatible with the most common insulating panels for roof

thickness	1,0 mm
light trasmission	Cristallo 90%
fire reaction EN 13501-1	EuroClass B-s1,d0

SPECIAL TREATMENT

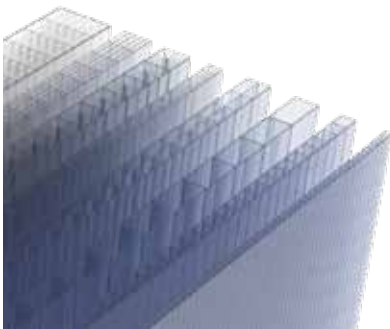


The various shapes of PC sheets TEGOLUX® are compatible with the most common insulating panels for roof

MULTIWALL SHEETS

POLYCARBONATE UV-PROTECTED

PoliCarb®



The multiwall structure with air-cells ensures excellent thermal insulation and excellent impact resistance. Policarb® is produced with ultraviolet protection on the outer side (2 sides upon request), which guarantees aging resistance even after prolonged exposure to atmospheric agents. Policarb® is used for roofing, glazing, greenhouse, skylight, vrandes, gazebos, shelters and false ceiling. Moreover in the curved applications, the honeycomb structure increases the rigidity in the same direction of the channels.

CE EN 16153-2013

thickness	4 - 40 mm
structure	2 - 11 walls
width	980 - 1.250 - 2.100 mm
thermal insulation	3,9 - 1,0 W/m²K
fire reaction EN 13501-1	EuroClass B-s1,d0

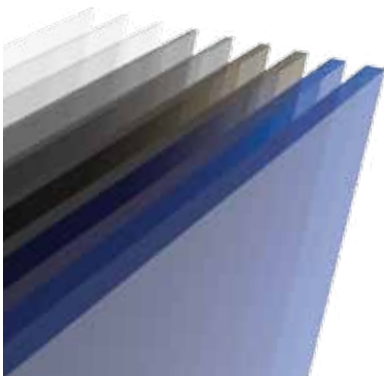
SPECIAL TREATMENT



SOLID SHEETS

POLYCARBONATE UV-PROTECTED

PoliComp®

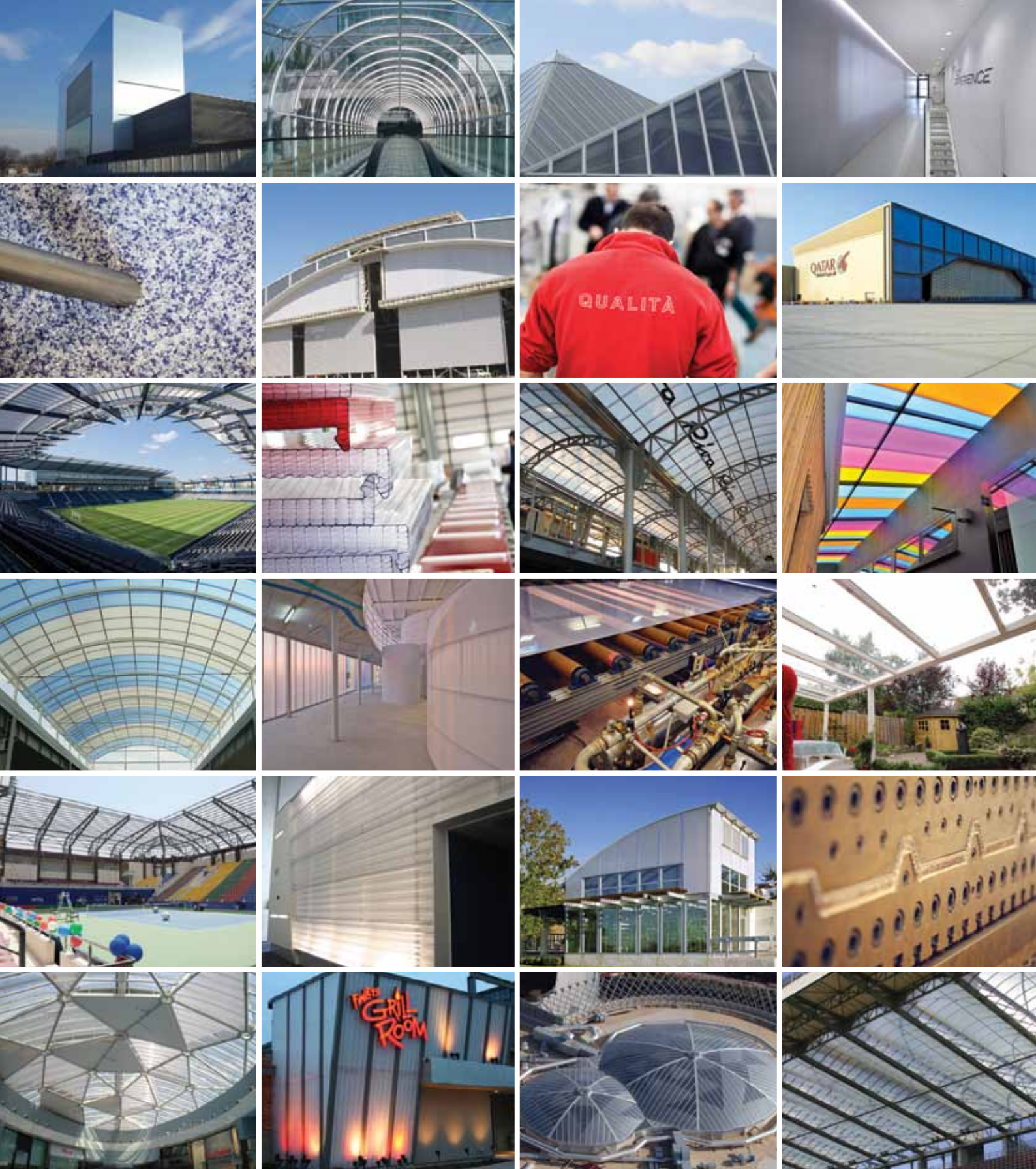


The development of technologies in the extrusion plastic's field has allowed to create our production plant, unique in Europe, for the extrusion of polycarbonate solid sheets with a width of 2.500mm, available in various thicknesses and colors. Policomp® sheets can be ultraviolet-protected on both sides. Policomp® sheets are as transparent as glass but weigh half as much it, they are 250 times more impact resistant than glass and they have a good fire rating. For these reasons PC sheets have a high-versatility in the construction and Industry sectors.

thickness	2 - 15 mm
width	2.050 - 2.500 mm
thermal insulation	5,66 - 4,35 W/m²K
acoustic insulation	25 - 34 dB
fire reaction EN 13501-1	EuroClass B-s1,d0

SPECIAL TREATMENT





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