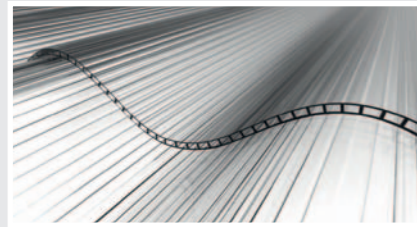


## UV protected polycarbonate corrugated sheets for roofing and transparent curtain walls



### TECHNICAL FEATURES

Thickness	3 mm
Thermal insulation	4,6 W/m <sup>2</sup> K
Light transmission	Crystal 85% - Opal 70%
UV rays protection	Coextrusion
Linear thermal expansion	0,065 mm/m°C
Temperature range	-40 ÷ 120 °C
Fire reaction	EuroClass Bs <sub>1,d0</sub>

### ADVANTAGES

- ❖ Easy and low-cost installation
- ❖ Light transmission
- ❖ Resistance to U.V. rays and to hail
- ❖ Longitudinal and transverse overlap
- ❖ Fire reaction EN 13501 EuroClass B-s1,d0

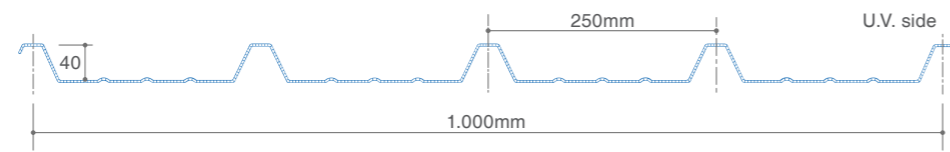
### APPLICATIONS

- Curtain walls
- Covering and skylights

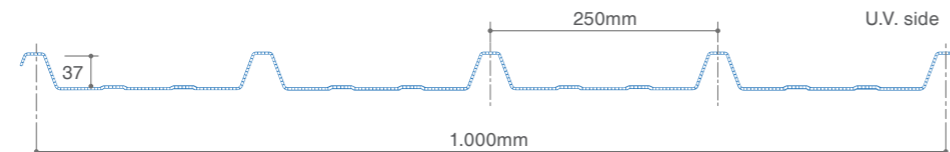
### CORRUGATED PROFILES

Thickness 2,5mm

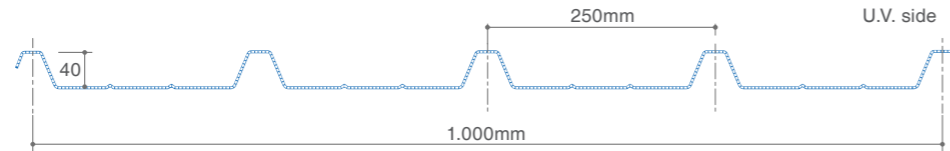
TegoPlus® 2682 compatible with ISOLPACK DELTA 5\*



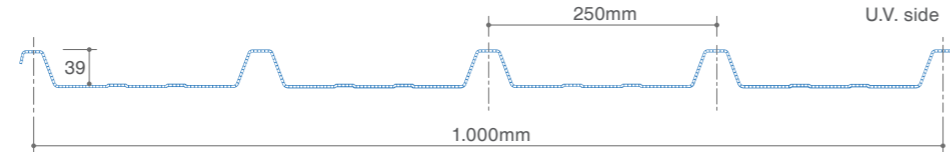
TegoPlus® 2683 compatible with LATTONEDIL EURO 5\*



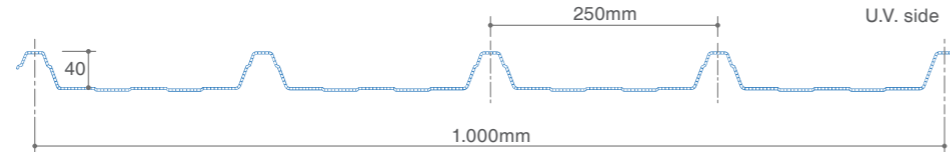
TegoPlus® 2685 compatible with ISOPAN ISOCOP 5-1000\*



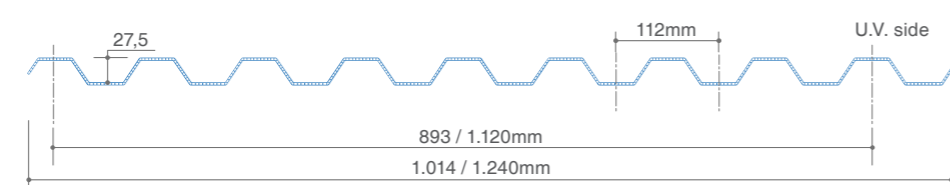
TegoPlus® 2688 compatible with BROLLO TD 5\*



TegoPlus® 2687 compatible with ITALPANNELLI PENTA 01\*



TegoPlus® 2681 - 2684 compatible with ALUBEL 28\*



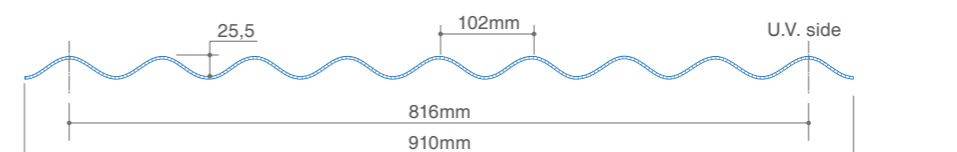
**Note:** TEGOPLUS® sheets are supplied with heat-sealed ends.

\* This is a registered trademark not of dott.Gallina S.r.l. property

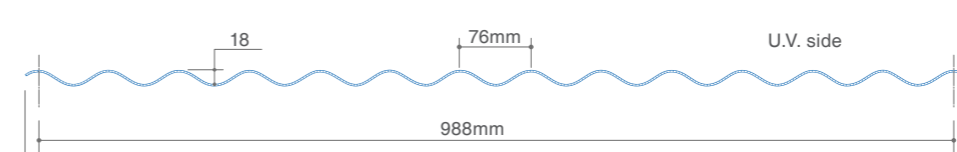
### WAVE PROFILES

Thickness 3mm

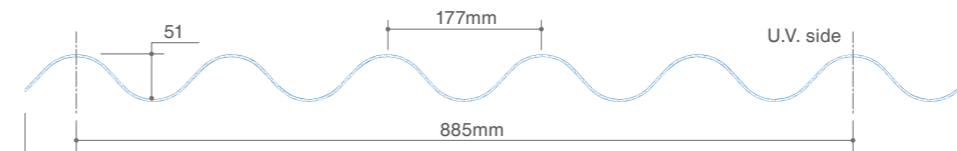
TegoPlus® 2680 compatible with ONDA 102/25



TegoPlus® 2686 compatible with ONDA 76/18



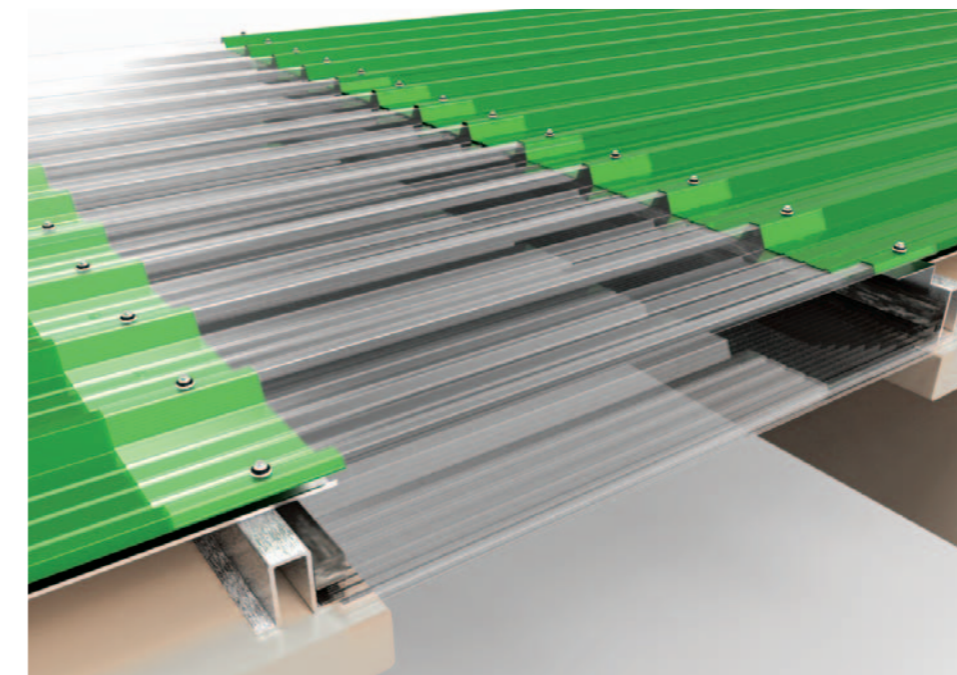
TegoPlus® 2495 compatible with ONDA 177/51



### DESCRIPTION

TEGOPLUS® is a corrugated sheet of microalveolar structure polycarbonate produced in different profiles for the construction of skylights, walls, transparent

roofs also in combination with cover plates and insulated panels. The versatility of this product allows you to create skylights, ridge or eave inter-layers.



### PROFILE RANGE

The profiles drawings of the microalveolar structure polycarbonate sheets TEGOPLUS® above are just examples of products available from stock. Please check the full list available online.

You can ask for the production of a profile's drawing directly contacting the your area's sales office.

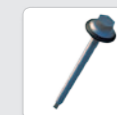
### UV PROTECTION

TEGOPLUS® sheets are produced with external protection against UV rays. This treatment gives the product a better guarantee of durability, mechanical properties and optical properties over time.

### LIGHT TRANSMISSION

TEGOPLUS® versatility in the roofing applications makes it ideal to optimize light diffusion within the building.

### ACCESSORIES

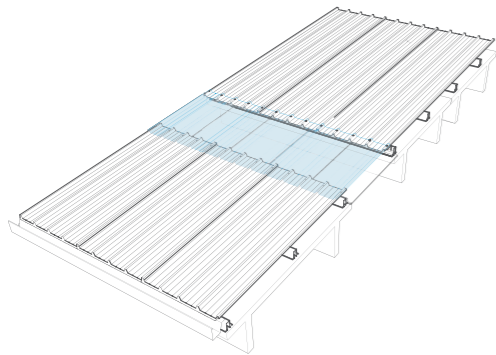


Screw with gasket  
6,3x60



PE-LD ridge-eave bird  
comb kit

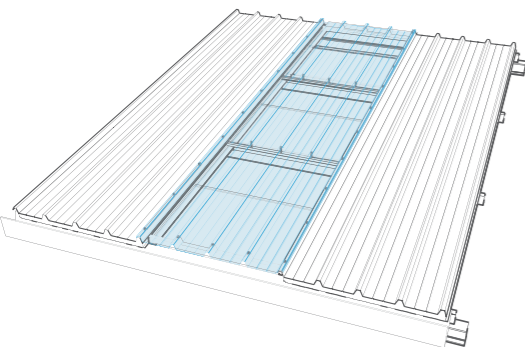




### TRANSVERSAL SKYLIGHT

The different sections of TEGOPLUS® sheets compatible with most of the insulated panels and corrugated sheets on the market, makes this product suitable for the realization of transverse inter-layer skylights. During installation you must install the panels on the roof in reverse order to the direction of prevailing winds.

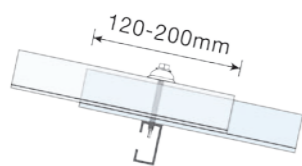
**TRANSVERSAL SKYLIGHT**  
Implementation of transversal skylights coupled with monolithic panels



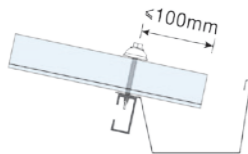
### SKYLIGHT GUTTER RIDGE APPLICATION

TEGOPLUS® sheets allow a perfect side overlapping with all roofing systems granting the realization of ridge-eave skylights. To avoid cracks in correspondence to the fixings, due to thermal linear expansion, the maximum useful length of TEGOPLUS® sheets is recommended at 5,000mm.

**SKYLIGHT GUTTER RIDGE APPLICATION**  
Construction of ridge-eave skylights with added curtain on the inside



**ELEMENT OVERLAPPING**  
The minimum overlap of the TEGOPLUS® sheets in width should be 120mm



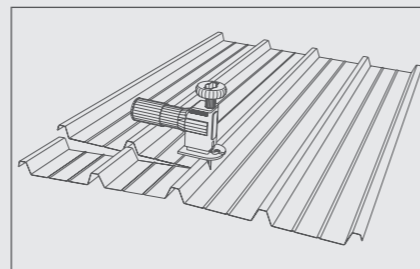
**END PROTRUSION**  
At the end of the covering the sheets must not protrude more than 100mm above the gutter

### CHEMICAL RESISTANCE

If necessary for installation, use only neutral sealants and adhesives compatible with polycarbonate. Avoid contact between TEGOPLUS® plates and fresh paint or other substances that are incompatible and could damage the sheets. The use of sealants or adhesives not supplied by dott.Gallina requires the explicit approval of the same.

### SHEET CUTTING

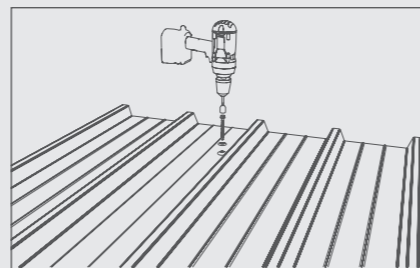
TEGOPLUS® sheets can be cut with a circular saw, small-toothed, at high speed of rotation, being careful to advance slowly. You can also use jig saws or shears. In any case, it is important to support the sheet in the vicinity of the point of cutting and to eliminate the dust generated by cutting.



Cutting sheets with jigsaw

### MOUNTING THE PANELS

The fixing of the plates TEGOPLUS® must take place in correspondence of the structures of each high ridge, with screws 6,3 x60mm, fitted with sealing provided by dott.Gallina. The use of other types of fasteners may alter the resistance of the sheets. The fastening it is advisable for a pre-drilling made with a metal tip with a diameter greater than 2mm to that of the screw. The excessive tightening of the fasteners, preventing movement of the plates due to thermal expansion may compromise the seal.



Drilling and fastening with screwdriver

# TEGOPLUS®

POLYCARBONATE  
**CORRUGATED SHEETS**  
MICROALVEOLAR STRUCTURE

**dott.gallina**  
**Polycarbonate**



info