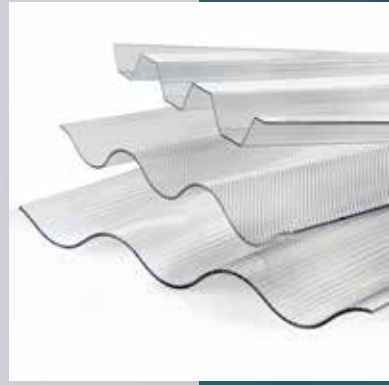


STRONG AND
BRIGHT



MICROPRISMA
MILLERIGHE

TOPLIGHT

SOLID CORRUGATED SHEETS WITH COEXTRUDED UV PROTECTION



TOPLIGHT CHARACTERISTICS

Thickness	0,8 mm - 2 mm*	
Structure	Solid sheet	
Panel length	On request (maximum recommended length 7 m)	
Service temperature	- 40 °C / + 120 °C	
UV protection	Coextruded on the external side (on request on both sides)	
Thermal expansion	65 x 10 ⁻⁶ K ⁻¹ (=0,065 mm/m °C)	
Light transmission**	Clear (T011)	90% (±5)
	Opal (T035)	76% (±5)
Warranty	Limited 10-yrs warranty against breakage due to hailstones, yellowing and loss of light transmission	

* The available thicknesses can also vary according to the shapes. Please contact our offices for further details.

** value determined by internal test (for some colors it is not possible to meet the tolerances indicated, for more information please contact our offices)

APPLICATION AND STRENGTHS

TOPLIGHT sheets are solid corrugated polycarbonate sheets with coextruded UV protection on the outer side (on request it is possible to produce sheets with UV protection on both sides).

TOPLIGHT sheets are available with ten-years warranty against hail, yellowing and loss of light transmission and have an European fire certification (Euroclass B-s1-d0).

TOPLIGHT is an ideal product for industrial application, in combination with the main metal corrugated sheets or sandwich panels available on the market, as well as suitable for wall and roof applications in greenhouses.

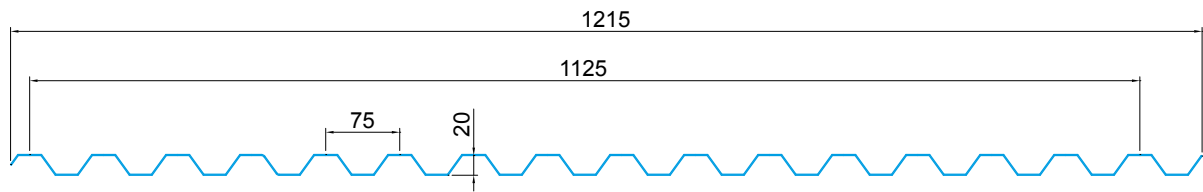
TOPLIGHT is also available in embedded versions:

- TOPLIGHT MICROPRISMA: sheets with microprismatic inner side, ideal for optimum diffusion of light.
- TOPLIGHT MILLERIGHE: sheets with inner side with miller frame for a permanent anti-condensation effect.

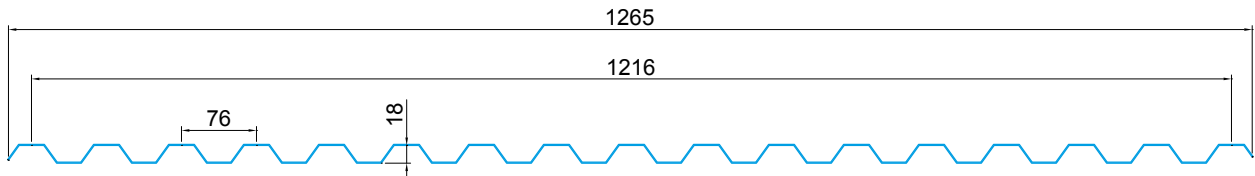
AVAILABLE SHAPES

Poly World Systems can provide a wide range of different profiles, off-the-shelf products, compatible with most common metal corrugated sheets and/or sandwich panels available on the market.

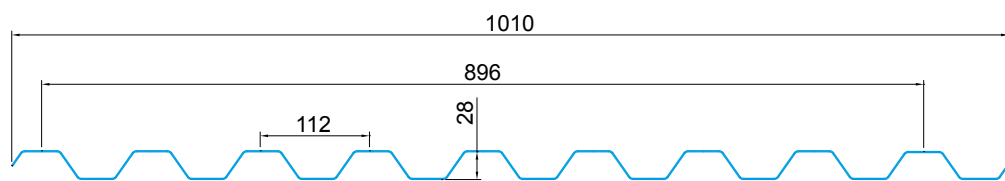
New profiles and custom-made products can be developed on Client's request.



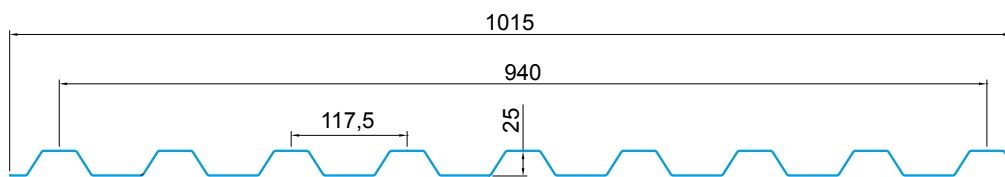
TOPLIGHT T 75/20



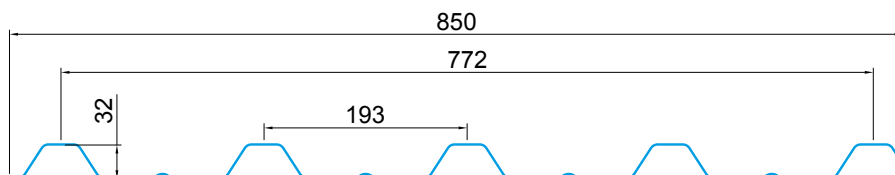
TOPLIGHT T 76/18



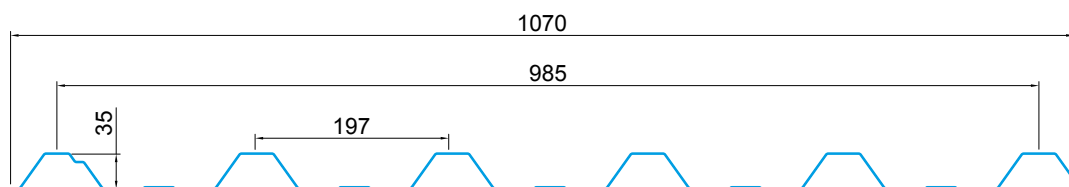
TOPLIGHT T 112/28



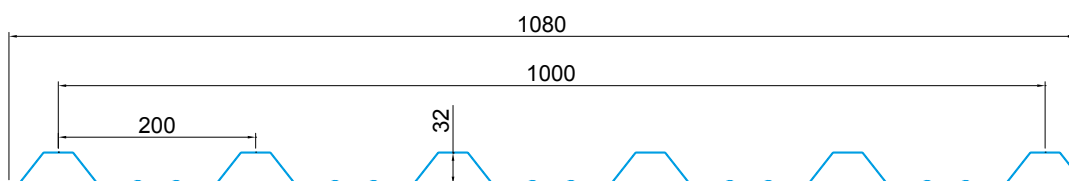
TOPLIGHT T 117/25 compatible with "ISOLPACK SL940"



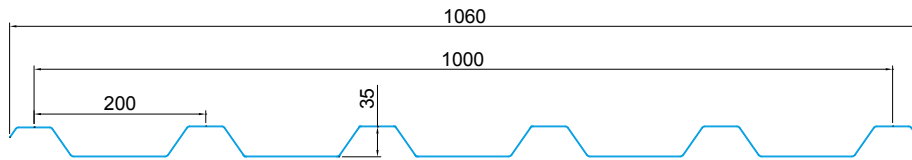
TOPLIGHT T 193/32 compatible with "ONDULIT COVERIB 850"



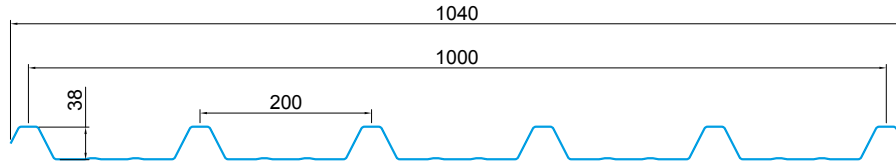
TOPLIGHT T 197/35 compatible with "SILMA 6"



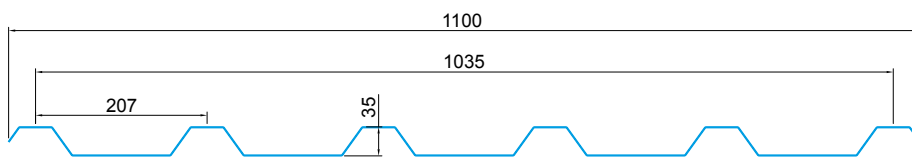
TOPLIGHT T 200/32 compatible with "HIANSA MT32"



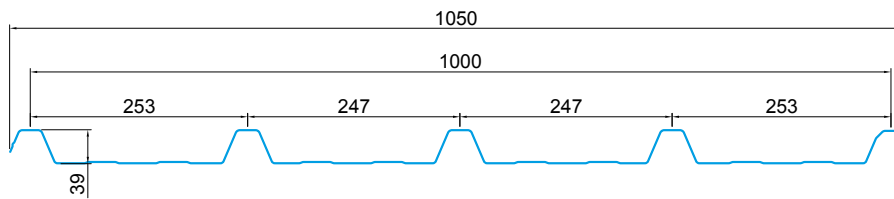
TOPLIGHT T 200/35 compatible with "TR35"



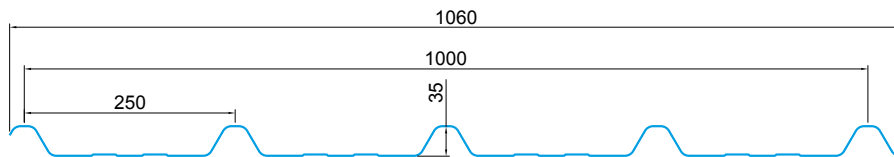
TOPLIGHT T 200/38 compatible with "LATTONEDIL ISOCOPRE"



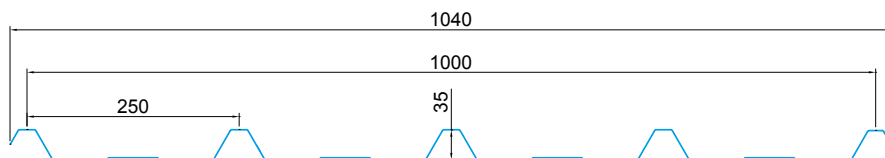
TOPLIGHT T 207/35 compatible with "KLOCKNER 35/207"



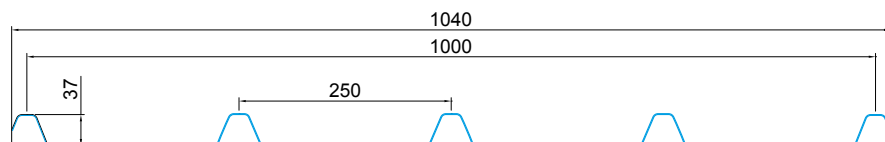
TOPLIGHT T 247/39 compatible with "SILEX"



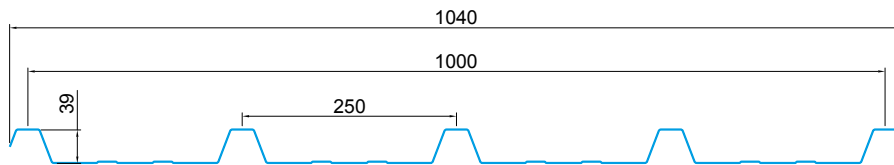
TOPLIGHT T 250/35 compatible with "REX 33.250.1000"



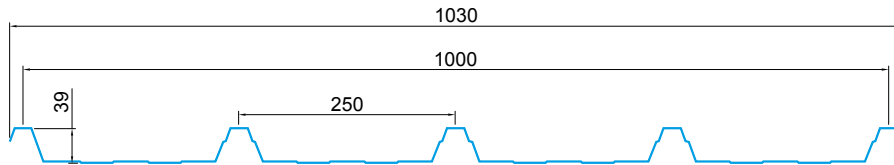
TOPLIGHT T 250/35 compatible with "METECNO G5 TOPROOF"



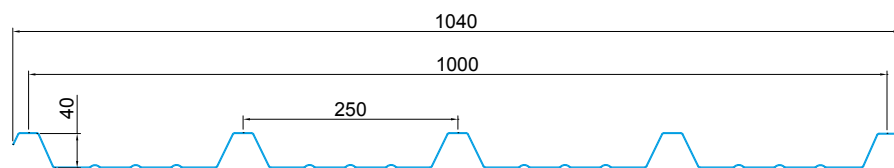
TOPLIGHT T 250/37 compatible with "LATTONEDIL EURO CINQUE"



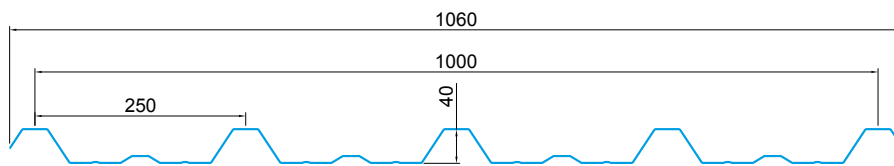
TOPLIGHT T 250/39 compatible with "MARCEGAGLIA BROLLO"



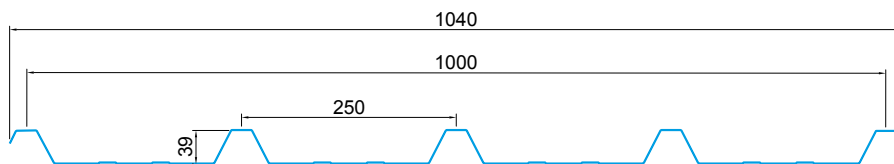
TOPLIGHT T 250/39 compatible with "ITALPANNELLI PENTA"



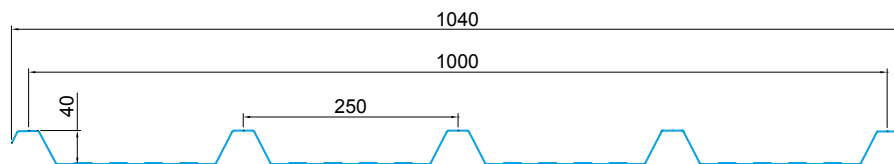
TOPLIGHT T 250/40 compatible with "ISOLPACK DELTA 5A"



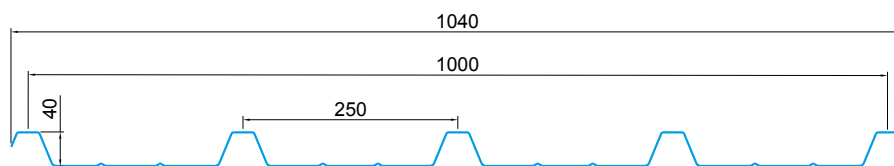
TOPLIGHT T 250/40 compatible with "ISOLPACK RW1000"



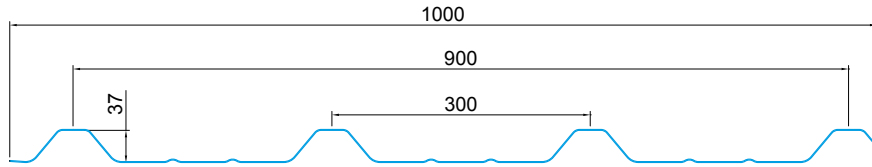
TOPLIGHT T 250/40 compatible with "SANDRINI SAND40"



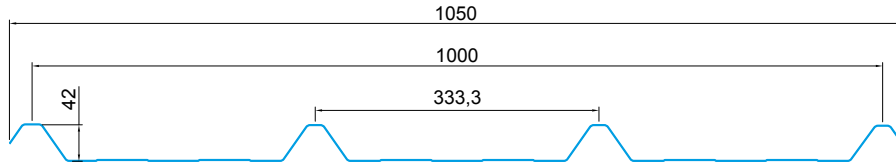
TOPLIGHT T 250/40 compatible with "ALUBEL DACH"



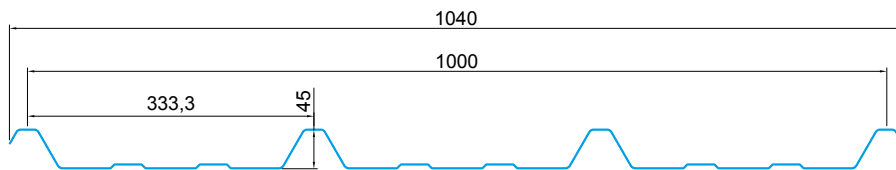
TOPLIGHT T 250/40 compatible with "ISOPAN ISOCOP"



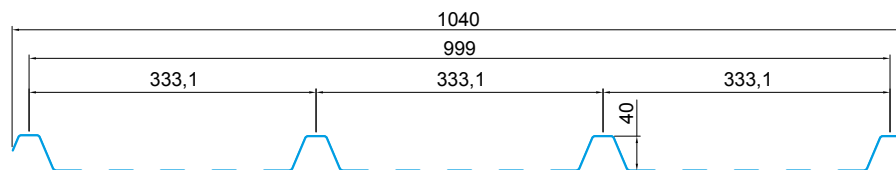
TOPLIGHT T 300/37 compatible with "ONDULIT COVERIB 1000"



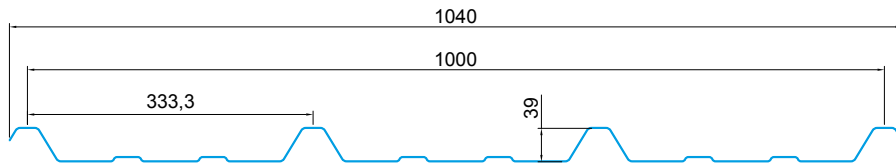
TOPLIGHT T 333/42 compatible with "KINGSPAN KS1000"



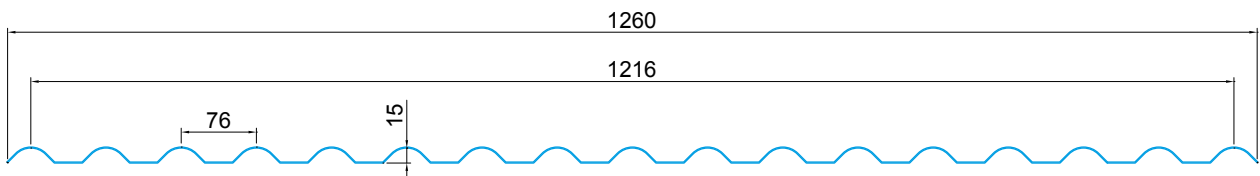
TOPLIGHT T 333/45 compatible with "REX 45.333.1000"



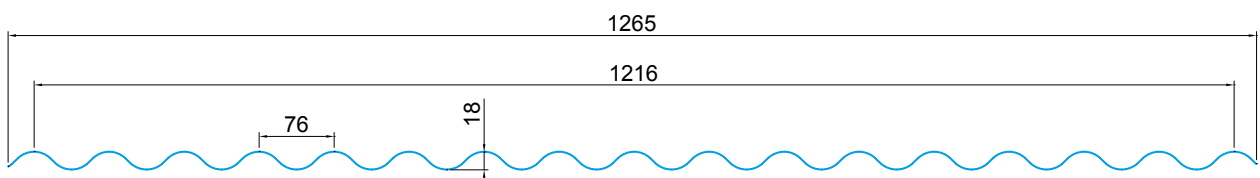
TOPLIGHT T 333/40 compatible with "ISOCINDU ISOCOP 4G"



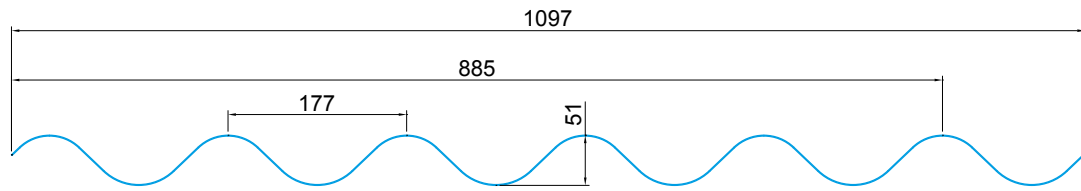
TOPLIGHT T 333/39 compatible with "HAIRONVILLE 39/333"



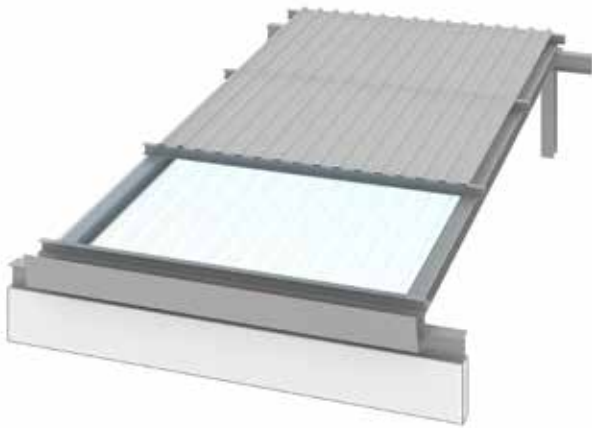
TOPLIGHT W 76/15



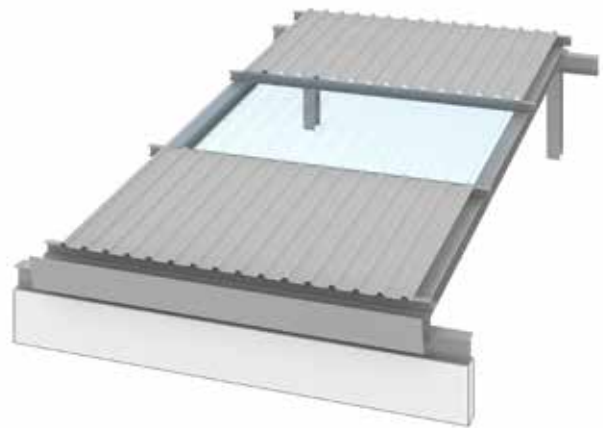
TOPLIGHT W 76/18



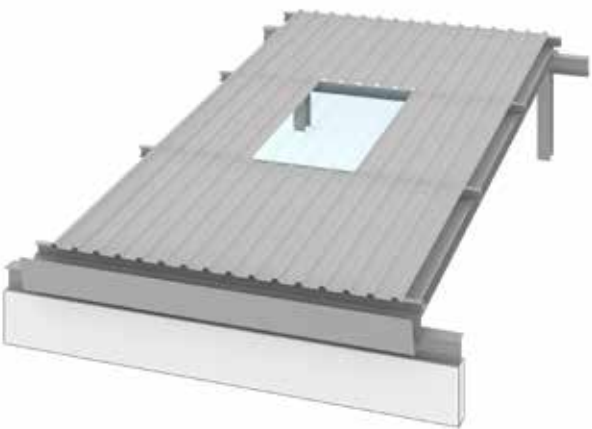
TOPLIGHT W 177/51 compatible with "Eternit 177/51"



APPLICATION WITH OVERLAPPING



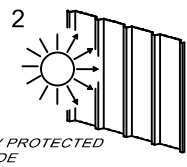
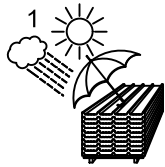
MIDDLE APPLICATION



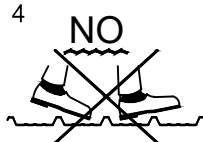
APPLICATION WITH 4 SIDES OVERLAPPING



TECHNICAL NOTES:

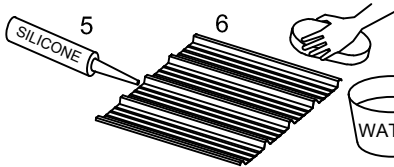


1. PROTECT SHEETS FROM SUN AND RAIN
2. INSTALL SHEETS WITH UV PROTECTION OUTWARDS



3. DON'T WALK ON PC SHEETS
4. DON'T WALK DIRECTLY ON THE PANELS DURING BOTH INSTALLATION AND MAINTENANCE. TO ACCESS THE ROOF USING SUITABLE RUNWAYS.

POLYCARBONATE CAN BE DAMAGED BY SOME CHEMICAL PRODUCTS, SO:



5. USE ONLY NEUTRAL SILICONE



6. FOR CLEANING USE ONLY WATER AND NEUTRAL DETERGENT



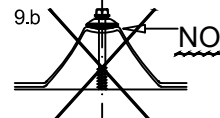
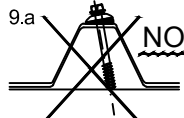
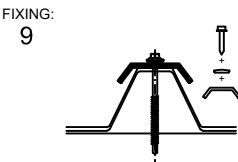
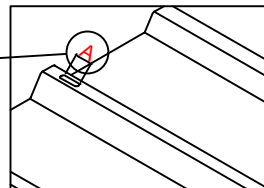
SHEETS ARE PRODUCED ON THE REQUIRED LENGTH WITH THERMOSEALED HEADS

7. SHEETS CAN BE CUT ON SITE WITH: JIGSAWS (1) OR CUTTERS (2). CLOSE THE HEADS AFTER CUTTING

8. DRILL ON SITE WITH SUITABLE DRILL BITS. MAKE HOLES IN THE SHEETS ACCORDING TO NEXT TABLE.

DRILL: 8

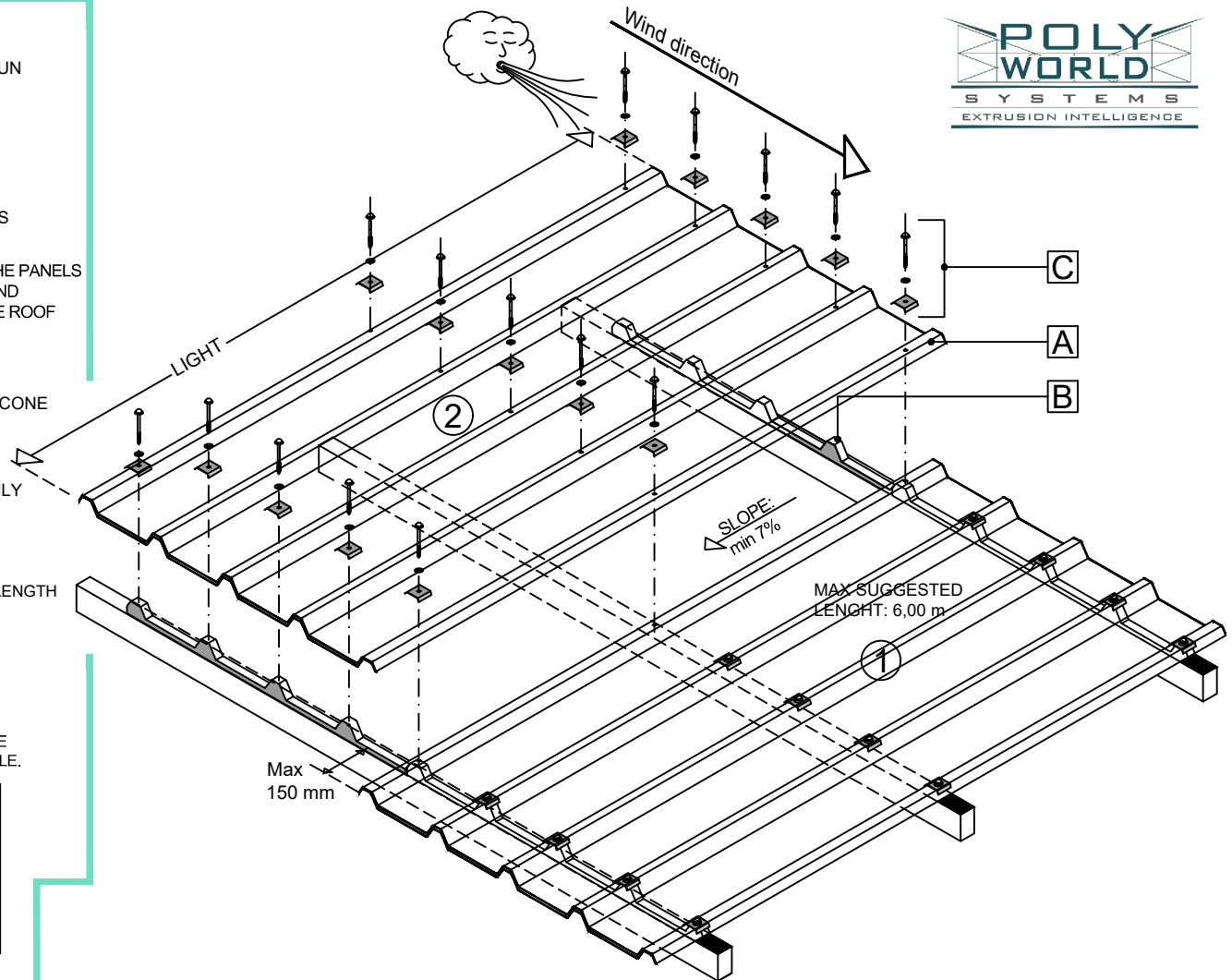
Hole - Asolatura	
Panel length	Slot hole A
mm	mm
L ≤ 2000	10
2000 < L ≤ 4000	14
4000 < L ≤ 6000	18
L > 6000	18 + 2,6 mm/m



- 9.a. FIXING HAS TO BE ALWAYS PERPENDICULAR TO THE SHEET
- 9.b. DON'T TIGHTEN TOO MUCH THE SCREWS TO AVOID DAMAGING THE SHEETS.



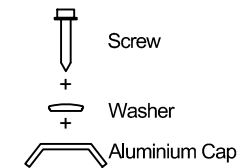
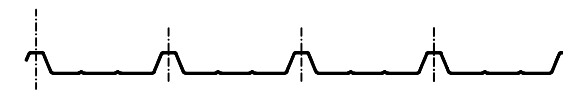
10. PLEASE CONSULT OUR TECHNICAL DOCUMENTATION FOR LOAD RESISTANCE AND MAXIMUM SHEET LENGTH.



A LIGHT

B SPACER

C FIXING





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