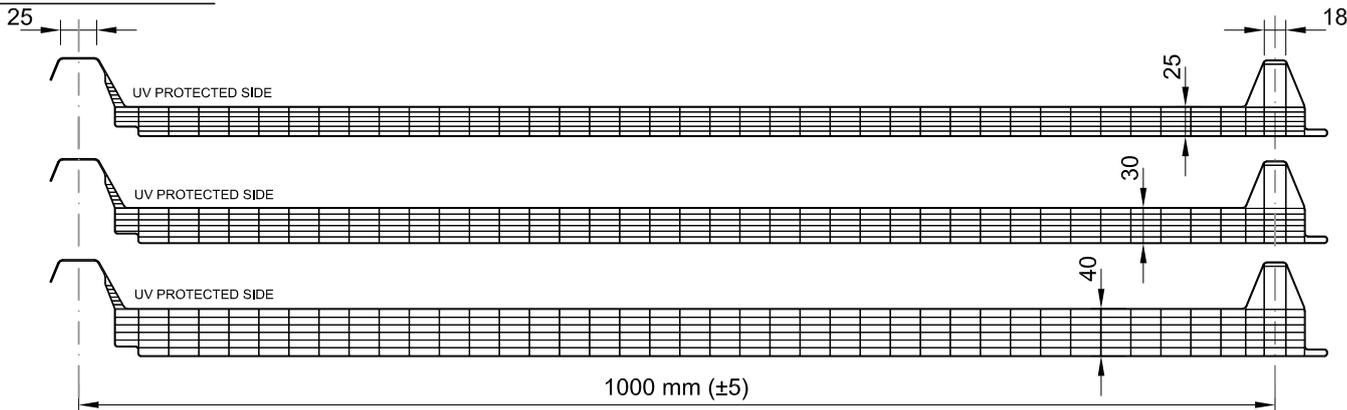
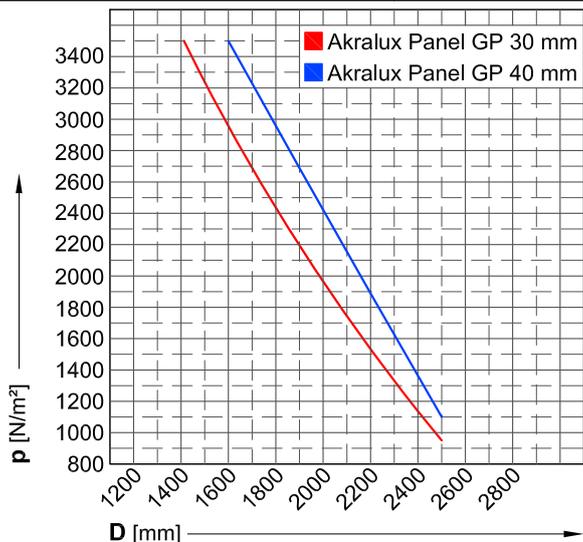
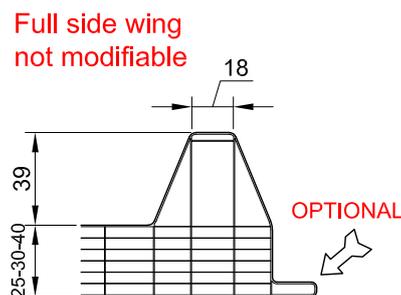
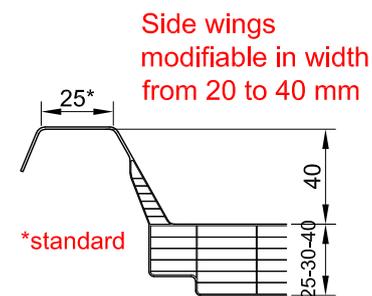


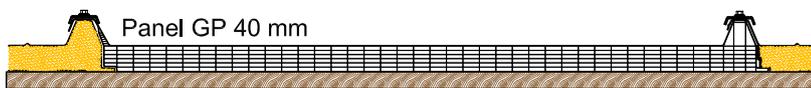
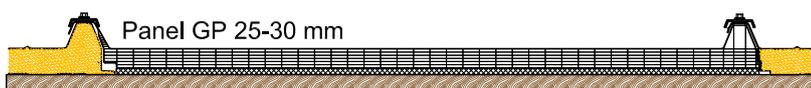
**SHEET SECTION**



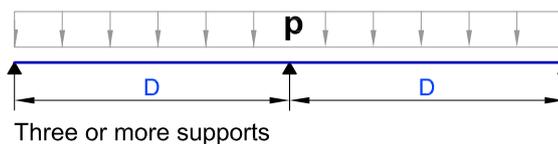
TECHNICAL DATA			
Panel thickness	25 mm	30 mm	40 mm
Panel width	1000 ± 5 mm (width sheet)		
No of walls	7		
Panel length	on request max. 13500 mm		
Standard width lateral profiles	25 - 18 mm		
Width lateral profiles on request	to evaluate depending on application		
Colour	transparent - opaline		
Weight	3,3 kg/m <sup>2</sup>	3,5 kg/m <sup>2</sup>	3,8 kg/m <sup>2</sup>
UV protection	coextruded on external side		
Closure of borders	taped		
Fire classification EN 13501-1	-	B s2 d0	B s1 d0
Light transmission	transparent ~55% opaline ~25%	transparent ~54% opaline ~24%	transparent ~54% opaline ~24%
Thermal transmission [U]	1,55 W/m <sup>2</sup> K	1,32 W/m <sup>2</sup> K	1,08 W/m <sup>2</sup> K
Thermal expansion	0.065 mm/m °K		
Temperature range	-40 / +120 °C		



**ROOFLIGHT WITH SINGLE SHEET**



**MAXIMUM ADMITTED LOAD WITH UNIFORM DISTRIBUTION**



**SPECIFICATION TEXT**

(Choose between the alternatives marked with ●)

● Flat rooflight;  
type **AKRALUX PANEL GP** by Akraplast Sistemi, realised with panels in UV protected multi-wall polycarbonate, with taped borders

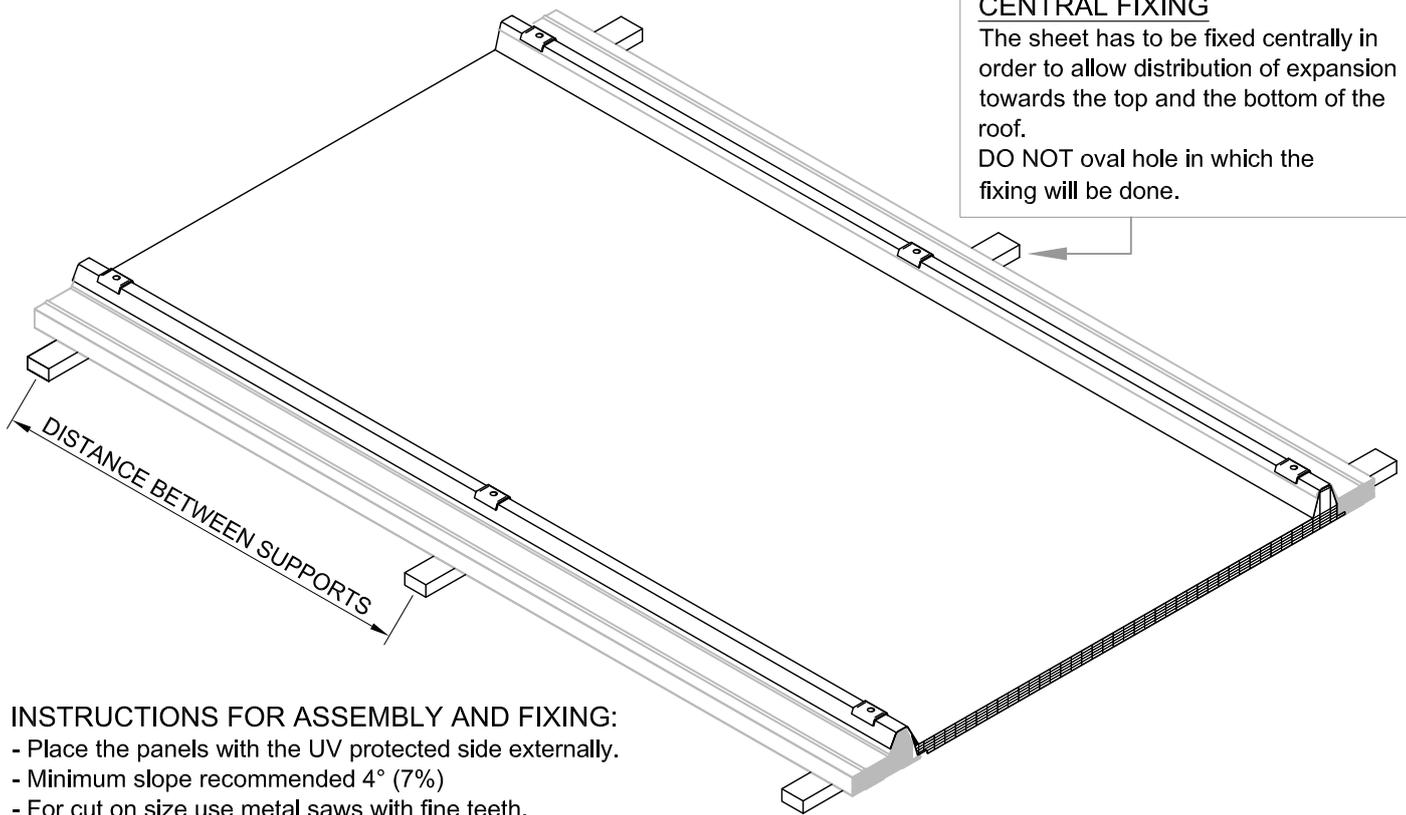
- Thickness 25 mm, module 1000 mm, 7 walls, thermal insulation U=1,55 W/m<sup>2</sup>K
- Thickness 30 mm, module 1000 mm, 7 walls, thermal insulation U=1,32 W/m<sup>2</sup>K
- Thickness 40 mm, module 1000 mm, 7 walls, thermal insulation U=1,08 W/m<sup>2</sup>K

Colours ● transparent; ● opaline; ● others on request

**ROOFLIGHT FROM RIDGE TO EAVES**

**CENTRAL FIXING**

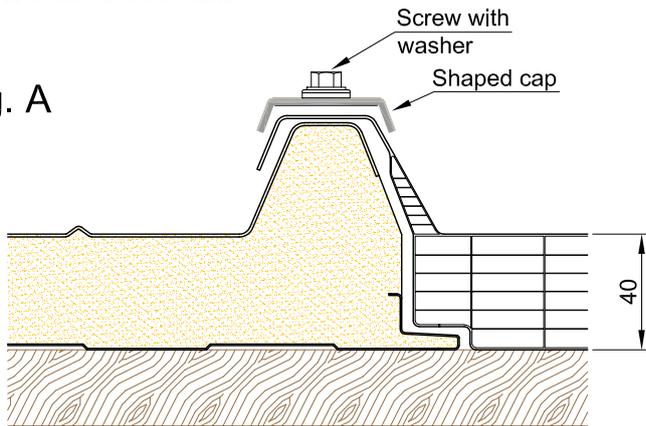
The sheet has to be fixed centrally in order to allow distribution of expansion towards the top and the bottom of the roof.  
DO NOT oval hole in which the fixing will be done.



**INSTRUCTIONS FOR ASSEMBLY AND FIXING:**

- Place the panels with the UV protected side externally.
  - Minimum slope recommended 4° (7%)
  - For cut on size use metal saws with fine teeth.
  - Remove splinter and dust with compressed air.
  - Use screws with washer and gasket and the special shaped caps. (see fig. A and B).
  - The hole diameter has to be bigger than the diameter of the screw in order to allow thermal expansion (see fig. C) (except for the central fixing).
  - Fixing has to be done in position of every support.
- NB: use only polycarbonate-compatible seals or sealants, or ask our technical office for information

**Fig. A**



**Fig. B**

