

Lightweight aluminum polygonal structure



The ultra light aluminium polygonal structures are designed specially to be used as shelters for aircraft, helicopter or other large equipment maintenance.

These shelters are composed of a polygonal shaped aluminium structure and a PVC fabric cover. The connecting and mounting plates are made of galvanized steel. Both gable ends can be equipped with an electric system to fully open the shelter to enable aircraft and helicopter movements. The opening and closing of the gable ends takes only one minute. Conveniently storable and transportable in standard containers, the complete structure can be assembled and taken down easily and very fast.

Worldwide service and support are provided by our specialised technicians.

Load resistance :

- Wind : 110 km/h
- Snow : 40 daN/m²

Frame structure :

- Main structure made of anodized aluminium.
- Profiles made of anodized aluminium.
- Connection and ground mounting plates made of galvanized steel.

Fabric :

- PVC coated polyester, flame retardant M2.

Tension :

- Tension on roof cover by spreader bars.
- Tension on porch cover by lacing system.

Outskirts :

- Mud flaps all around.
- Rain gutters possible along side lengths.

Accessories :

- Inner lining.
- Ventilation units .
- Air conditioning/heating.
- Lighting.
- Crane system with 2 independent operating winches.
- Electrical distribution cabinet with various accessories.





Model	Palu 20	Palu 30
Width (m)	20.00	30.00
Length of standard module (5 m)	20.00	30.00
Length of porch (m)	8.50	12.70
Height (m)	7.30	10.50
Weight of shelter (t)	7,70	16,20
Weight of porch (t)	2,90	4,70
Packing (shelter with single porch)	2 x container 20'	4 x container 20'
Assembly with 6 persons	30 hours	40 hours

NOTE : We reserve the right to make changes and alterations that optimise our products or to ensure they correspond to the latest technology and specifications.

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