



Aluminium structures

Dimensions:

- Span widths from 20' to 100' (6 to 30 m)
- Unlimited length
- Bay size : 16.5' (5 m)

Possibility to get widths, lengths and ridge heights made-to-measure

Dimensions in feet :

| Span width of the | 20 | 26 | 33 | 39.5 | 49 | 65.5 | 82 | 100 |
|--|-----------|--------------|--------------|--------------|----------------|-----------------------------|------------------------|--------------------------|
| construction [ft] | | | | | | | | |
| Facing side height [ft] | 8 | 8 | 8 | 8 | 8/10 | 8 / 10 | 10 | 10 |
| Ridge height [ft] | 12.5 | 13.6 | 14.4 | 15.75 | 17.7 / 19.7 | 23 / 25 | 26.25 | 29.5 |
| Number and dimension of the intermediate purlins (between the main profiles) [in] | 3 (ø3' ½) | 5 (ø3' ½) | 5 (ø3' ½) | 5 (ø3' ½) | 7 (ø3' ½) | 5 (4.7x 3) 4 (ø3' ½) | 5 (4.7x3) 4 (ø3' ½) | 7 (4.7x3) 6 (2.7x2.7) |
| Dimension of the connecting ground bars (between the main profiles) [in] | 2.3x 1.6 | 2.3x 1.6 | 2.3x 1.6 | 2.3x 1.6 | 2.3x 1.6 | 2.3x 1.6 | 2.3x 1.6 | 2.3x 1.6 |
| Bay size [ft] | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 |
| Size of eave purlins if sliding sides (instead of intermediate purlins ø3 ½" in) | 2.7x2.7 | 2.7x2.7 | 2.7x2.7 | 4.7x 3 | 4.7x 3 | 4.7x 3 | 4.7x 3 | 4.7x 3 |

| Dimensions in meters: | | | | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|-------------------------|---------------------------|-----------------------------|
| Span width of the | 6 | 8 | 10 | 12 | 15 | 20 | 25 | 30 |
| construction [m] | | | | | | | | |
| Facing side height [m] | 2.40 | 2.40 | 2.40 | 2.40 | 2.40/3 | 2.40/3 | 3 | 3 |
| Ridge height [m] | 3.80 | 4.15 | 4.40 | 4.80 | 5.40/6 | 7 / 7.60 | 8 | 9 |
| Number and dimension of the intermediate purlins (between the main profiles) [mm] | 3 (ø80/3) | 5 (ø80/3) | 5 (ø80/3) | 5 (ø80/3) | 7 (ø80/3) | 5 (120x78) 4 (ø80/3) | 5 (120x78/3) 4 (ø80/3) | 7 (120x78/3) 6 (66x58/3) |
| Dimension of the connecting ground bars (between the main profiles) [mm] | 60x40/2 | 60x40/2 | 60x40/2 | 60x40/2 | 60x40/2 | 60x40/2 | 60x40/2 | 60x40/2 |
| Bay size [m] | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Size of eave purlins if sliding sides [mm] (instead of intermediate purlins ø80/3 mm) | 68x68/3 | 68x68/3 | 68x68/3 | 120x78/3 | 120x78/3 | 120x78/3 | 120x78/3 | 120x78/3 |





Frame:

- Anodized aluminium main profiles with 4 channels.
- Assembly of the main profiles on the ground: the profiles are clipped together on galvanised steel connections.
- No bolts needed. All connections are hold together with a brooch and a pin.
- The main profiles are connected together by anodized aluminium intermediate purlins and by 2 ground bars in galvanised steel.
- With a set of cables for bracing and ground stakes for anchoring.

Canvas covering:

- Roofs and facing sides in PVC-coated polyester textile 23 oz (650gr/sqm) fireproofing according to European Standards (BS EN 13782, NF P 92-503 507 M2 and DIN 4102 B1).
- Reinforcing bands under all ridge and eave bars.
- Very quickly and tight assembly.
- One opening with a zipper in de middle of 4 facing sides.
- The whole canvas covering is supplied in very sturdy bags.

Guarantee and quality of our constructions:

- We offer a guarantee of 5 years against all manufacturing defects.
- All our constructions are made in collaboration with engineering and design team following the French CTS standards.
- Our products are totally manufactured at our site of Lontzen. We are able to repair very quickly all damaged parts.
- We have a lot of references in several European countries such as France, The Netherlands, Germany, Switzerland, Luxembourg...

