



# 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...

