

ALUMINUM STRUCTURE TENT “TIPAL 6” FOR FIELD HOSPITALS AND FIELD MILITARY CAMPS



PRODUCT DESCRIPTION

Multipurpose tent developed with aluminium metal structure, characterized by its quick assembly, without tools or specific training.

It allows the frontal interconnection of several tents and the possibility of modeling the size of the camp or hospital to its needs.

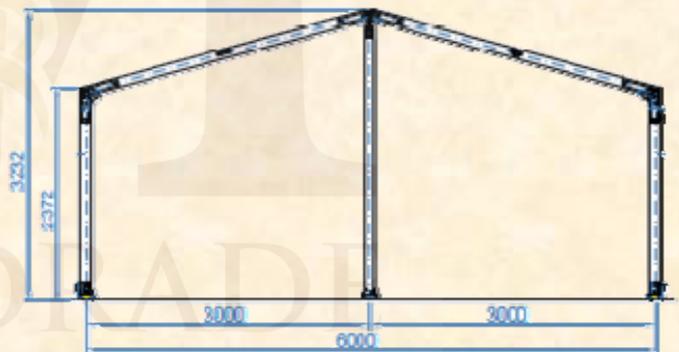
It also offers the possibility of including several optional equipment and adapting the system according to customer needs.

This HEAVY DUTY TENT has been designed to withstand the worst weather conditions of wind and snow load.

Thanks to its reinforcements, quality of the materials used and the special roof slope (specially designed for very large snow loads), this tent is one of the most used by the different armies and of course, it is used for military, civilian, mobile HOSPITALS and permanent and semi-permanent refugees camps.

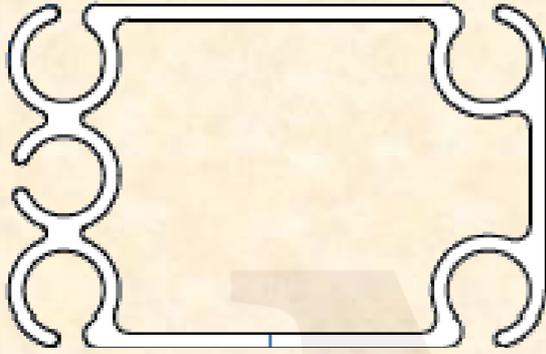
DIMENSIONS AND STRUCTURAL PERFORMANCES TIPAL 6

WIDTH	6.000 mm
LATERAL HEIGHT	2.372 mm
MAXIMAL HEIGHT	3.232 mm
MODULAR IN LENGTH PER SPAN	3.000 mm
WIND RESISTANCE	101 km/h
ADMISIBLE SNOW LOAD	20 kg/m ²



STRUCTURE CHARACTERISTICS

STRUCTURE ALUMINIUM PROFIL	5 channels (outer CANVAS + inner CANVAS + dividers)
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COMMON ELEMENTS

DOORS	Front or side door with rack or Velcro closure.
WINDOWS	2 windows per bay, one on each side, with mosquito net, and transparent fabric for the entry of light but not wind.
AIR CONDITIONING AND ELECTRICITY CONNECTORS	Sleeves for entering air conditioning ducts. Sleeves for electric cables and water inlet and outlet pipes.

FABRIC CHARACTERISTICS

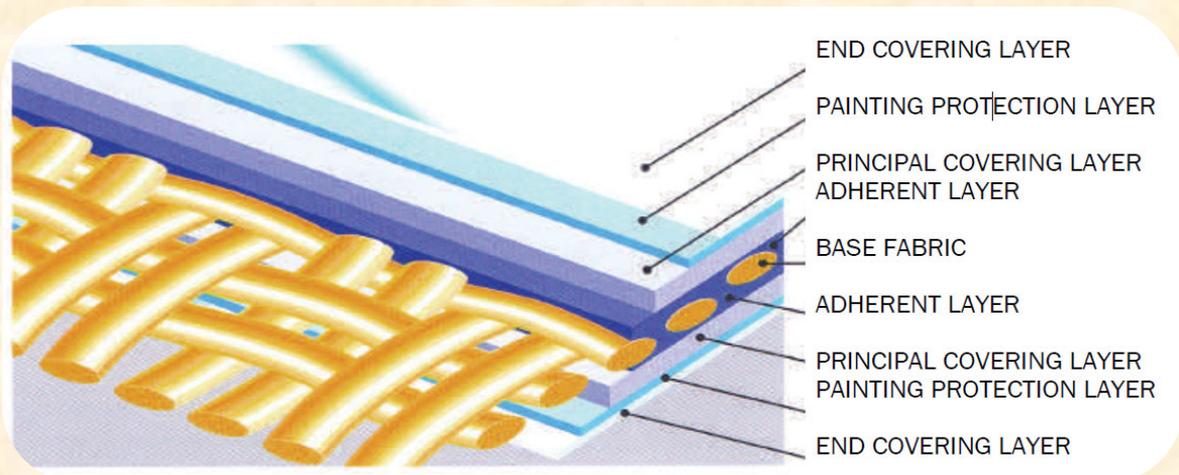
Canvas covering: Roof and facade on PRECONTRAIINT 502 points canvas;
They are fabrics with polyester weft, with PVC welded by induction and fire retardant.

The fabrics are subjected to an anti-UV, anti-rust and anti-saline environment treatment.

They also have an anti-dust varnish on its outer face.

The result of this operation is a complete seal, an non-deformable and very resistant material.

BASE MATERIAL		PES	
THREAD FRAME		1100 dtex	
MATERIAL		PVC	
FINISHING		L2C	
SPECIFICATIONS and NORMS		METHOD	
WEIGHT		UNE-EN-ISO 2286-2	620 g/m ²
STRETCH RESISTANCE	WARP	UNE-EN-ISO 1421	240 daN/5cm
	Weft	UNE-EN-ISO 1421	250 daN/5cm
TEAR RESISTANCE	WARP	UNE 53326	26 daN
	Weft	UNE 53326	20 daN
ADHERENCE		UNE-EN-ISO 2411	10 daN/5cm
FIRE REACTION		UNE 23727-90	M2
EXTREME USE TEMPERATURE		-30/+70 °C	

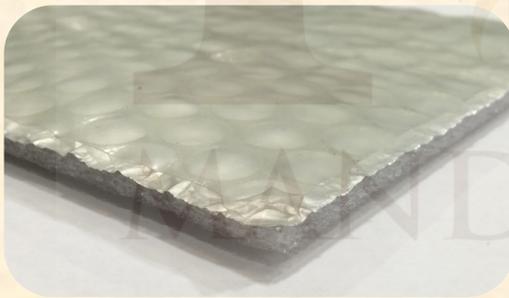


OPTIONAL ELEMENTS

ROOF	Additional cover to protect areas with strong sun exposure.
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INSULATION	Reflective thermo-acoustic insulation system consisting of a layer of pure aluminium, protected by NC varnish enclosed inside a sealed dry air bubble and 5mm polyethylene foam. It is installed between the 2 covers of the tent (Int.+ ext.)
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MARKING	According to customer specifications
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OTHER GENERAL OPTIONS

ELECTRICAL INSTALLATION	Including LED lighting, electrical outlets and electrical distribution box with safety elements
FLOORING	Gray PVC mat
COLOR	White
INTERNAL DIVIDERS	To create separate and independent areas inside the tent
CONNECTION MODULS	For connection between tents or Tent - Container connection





This document is not contractual. MANDRADE CONSULTS reserves the right to modify any characteristic included in this document without previous notification, due to the obsolescence of the components and/or the improvement of the product quality, ensuring in any case the system functionality.



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