CURRENT TRENDS IN TENT CONSTRUCTION

DESIGNS & EXAMPLES

SPHERES OF USE

2015
WAREHOUSES, MOBILE CONSTRUCTIONS OF THE LOGISTIC CENTERS

TEMPORARY & PERMANENT
TENT CONSTRUCTION
SPHERES OF USE

AGROSECTOR

GRANARIES

ANIMAL HUSBANDRY
SPORT

- tennis
- equestrian sport
- volleyball

- universal playgrounds
- Ice hockey
- athletic halls
TENT CONSTRUCTION
SPHERES OF USE

Exclusive adaptability in highly specialized spheres:

AVIATION

Shelters of a special purpose:
military equipment, ammunition, chemistry, etc.
ARCHITECTURAL OPPORTUNITIES OF TENT CONSTRUCTIONS

GEOMETRY OF TENT CONSTRUCTIONS ALLOW TO SOLVE THE HUGE NUMBER OF SPATIAL TASKS IN A COMPLEX. UNLIMITED OPPORTUNITIES OF MODELLING OF KITS, DESIGN AND ARCHITECTURE

DIRECT SLOPES FORMS
ARCHITECTURAL OPPORTUNITIES OF TENT CONSTRUCTIONS

THE ROUNDED FORMS
ARCHITECTURAL OPPORTUNITIES OF TENT CONSTRUCTIONS

INDIVIDUAL FORMS
Wide color palette of an external tent. The universal decision - a white monophonic tent.

Effect of a transmission of light - 70% only in a white tent! That allows not to use internal lighting during the day.
Beige monophonic tent

Effect of a transmission of light - 32%
Configuration from several monophonic colours
COMPLETE SETS
TENT CONSTRUCTIONS

Entrance group: aluminum doors

Gates group: A retractable gates from frame/PVC max to 5m, min from 3m

Gates group: The oar gates from frame/PVC max to 6,5m, min from 1m
COMPLETE SETS
TENT CONSTRUCTIONS

Ventilating valves from transparent fabric, an inside layer from the PVC mesh

Ventilating valves from fabric, an inside layer from the PVC mesh
COMPLETE SETS
TENT CONSTRUCTIONS

Tent construction can be established on any firm surface
fastening to the mortgage/tape base

welding of heels to mortgages / dot base

fastening to concrete plates / without the base

fastening to asphalt / without the base
ADVANTAGES OF TENT CONSTRUCTIONS

WE HAVE NO SAMPLE TENTS. WE HAVE ALL INDIVIDUAL PROJECTS.

AT THE DESIGN STAGE WE PROVIDE ALL CONVENIENT TRIFLES FOR COMFORT OF OPERATION. ALL CHOSEN COMPLETE SET IS INCLUDED IN COST.

Speed of construction. You receive object ready for operation in the shortest possible time.

Economy. Much cheaper than other types of construction.

Permissions to installation. Minimum of allowing documents.
EXAMPLES OF SOME OUR TENT CONSTRUCTION
WAREHOUSE /TORCHIN PRODUCT/
EXAMPLES OF SOME OUR TENT CONSTRUCTION - HORSE ARENA
EXAMPLES OF SOME OUR TENT CONSTRUCTION PRODUCTION LINE FOR BIOGAS - MHP
EXAMPLES OF SOME OUR TENT CONSTRUCTION WAREHOUSE /COSTAL/
EXAMPLES OF SOME OUR TENT CONSTRUCTION WAREHOUSE /PERI-UKRAINE/
EXAMPLES OF SOME OUR TENT CONSTRUCTION MOBILE STAGE
IMPERIAL TOBACCO UKRAINE
EXAMPLES OF SOME OUR TENT CONSTRUCTION
WAREHOUSE /COCA-COLA PLANT UKRAINE/ 6000sq.m
**MATERIALS TENT CONSTRUCTIONS**

**DESCRIPTION CONSTRUCTION**

**Typical materials for frames** - steel profile GOST 10704-76 and GOST 8639-76, GOST 19904-74 sheet products, steel corners GOST 8509-80. Treatment of a skeleton in the factory or polymer sheeting or galvanized method (hot or cold galvanizing).

**Typical connection frames** bolted connection through steel plates, bolts least M10 bolts strength class “B” GOST GOST 7798 or 7796, meeting the requirements of GOST 1759.0. Nuts GOST 5915 strength class 4.

**Typical materials for external coating**, awnings, hermetically welded to each other devices Hot / HDTV welding, industrial PVC (polyvinyl chloride) reinforced with polyester base, at least +/- 950 g / m²;

**Typical materials for lining**, awnings, welded to each other devices Hot / HDTV welding of PVC (polyvinyl chloride) reinforced with polyester base, at least +/- 540 g / m²;

**Typical materials for insulation** (intermediate cover): paintings, collected between an adhesive tape with synthetic fabric (polyester), at least +/- 200 g;
OPERATING PARAMETERS

• Operating Temperature range - from -30ºS to + 70ºS.

• Summer mode operation: ventilation in summer is achieved by raising the walls and / or ventilation windows, and the walls remain protective net. The optional use of mechanical ventilation.

• Winter mode operation: on demand compliance with temperature regime need to install additional equipment for heating. The estimated capacity of coolant needed to heat the CTC during the cold period at t -30ºS and achieve internal temperature +12 +15 ºC:
  - For single-layer CTC - 580 W / m²
  - For two-layer CTC - 130 W / m²
  - For a three-layer CTC - 50 W / m²

Application layer covering the expense of air space between the layers, can save 60-70% on heating in winter, compared with a single layer coating.

• Lifetime frame - 15 years or more.
• Lifetime awning cover - 7-10 years (with an option to replace it with a new one).

PROVIDE unconditional guarantees on the construction period of 2 years

PROVIDE FOR post-warranty service support PERIOD:
  *testing of structures,
  *regular preventive measures, restoration or modification design
  *repairs in case of damage to the frame or canopy.
THANKS FOR ATTENTION!

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