

**ENVitech s.r.o. ENVIRONMENTAL CONTROL SYSTEMS**  
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STN EN ISO 9001: 2009

EN ISO 14001: 2004

LMKO - ISO/IEC 17025:2005

NBÚ – priemyselná bezpečnosť



## **ISOTHERMAL SHELTER LU3300**



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## Colour :

standard white colour RAL 9015

different colour on request

Placing of logo, sign, graphic elements in form of enduring self-adhesive foil with impress

## Doors :

Single wing door – same structure as a wall

Gripping by the hinges, handle with s 3-point safe lock.

Dimension : standard 2,0 x 0,9 m

Type of handle and locking on request

## Walls :

Isothermic panels of sandwich construction

### **Requested characteristics :**

- Mechanical
- Thermic
- Electrical
- Estetic

### **Construction :**

Walls made by blocks : Semi-finished blocks by standard width, which are mechanically connected and wall is composed to required width. Difficulty to place reinforcement

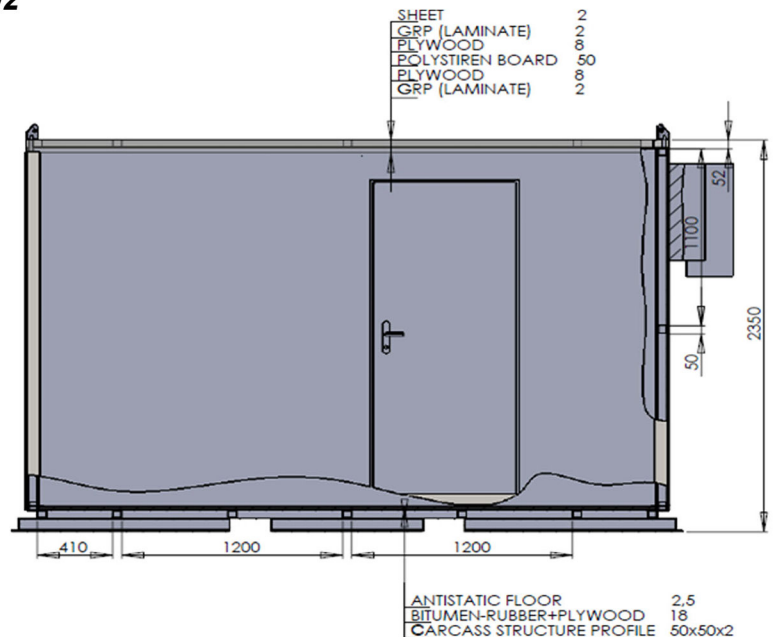
Mounted walls of compact panel sheet : The wall is made as a entire block according to requested dimension. Wall has excellent mechanical and climate characteristics. Possibility to built in the wall reinforcement.

### **Structure :**

Laminate – PU foam – laminate : basic material structure of wall construction

Galvanized sheet – mineral wool – galvanized sheet : better mechanical and thermal characteristics of wall

- **Thermal insulation characteristics in accordance with EN 13164,**
- **Fire protection in accordance with DIN 41402**
- **Fire reaction assessment – EN 13501-1**





## ROOF :

Same material and structure as a wall with reinforcement for capacity load min  $150\text{kg/m}^2$

Placing of sampling units and meteo equipments (meteo, sampling probe)

Access via ladder (part of station accessories)

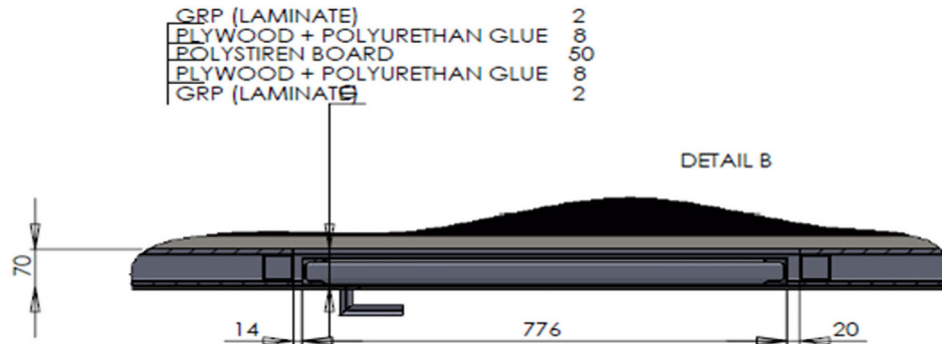
For health and safety reasons – necessary to place hand-rail (solid, foldable)

**With antiskid paint coat :**

Surface is treated by paint to increase safe movement on the roof

**With antiskid sheet :**

Standardly used in industry applications



## FLOOR :

**Load capacity :** min.  $250\text{ kg/m}^2$

Standard floor version is covered by antistatic and antiskid rubber. Surface is adjustable according to client requirements considering elektrical, mechanical and estetic characteristics.

**Floor with antiskid antistatic rubber**

Covered by rubber, standardly used in industry applications

Rubber has an antistatic characteristics

**Floor with antistatic modification – floor grounding**

floor is covered by conductive grid, conductively connected with station earthing

**Cast floor – bitumen**

Cast floor with bitumen lotion. It makes homogenous entity – water tightness

