



## Teknisk beskrivning stålbodar.

### Frame:

Steel construction welded from hollow and rolled profiles acc. to valid standards, self-supporting, steel structure equipped with self-supporting, steel structure equipped with a basic anticorrosial coating and protective polyuretane colour in a RAL tone after your choice; 8 pcs. ISO cubes. According to statics, **twice stackable**.

### Composition of the floor:

*Floor:* 0,5 mm galvanized profilled sheet, conected with the rivets to the floors crossgirders  
*Insulations:* mineral wool, in a flammability class A2  
*Vapour barrier :* 0,2 mm polyethylene film  
*Floor board:* 22 mm chipboard without formaldehydes, screwed to the steel girders, the joints are filled up and grinded, from the lower side supported by the U-profile.  
*In sanitary rooms:* **cement-boundedparticle boards CETRIS** 22 mm, screwed to the steel girders, the joints are filled up and grinded, from the lower side supported by the U-profile.  
*Flooring:* 2 mm PVC flooring in Tarkett brand. Placed down in a strips, glue fitted, the joints are welded with string in the same colour as a flooring, colour – gray

The joints between floor and walls are covered with floor battens, ca. 60 mm high, color – white or grey

Floor loading : 2.500 N/m<sup>2</sup> ... *added loading possible on demand*

### Composition of the peripheral walls

*Profilled sheet:* 0,55 mm galvanized profilled sheet, painted in RAL colours, tone on your demand, the depth of the trapeze wawe is 10 mm, connected by the rivets to the U-profile of the wall construction, which is screwed to the steel frame.  
*Insulation:* mineral wool, placed in to the wall construction, in a flammability class A2  
*Vapour barrier:* 0,2 mm vapour barrier - polyethylene film  
*Ventilation:* the vent in the perimeter walls, from the outside walls is the plate with the bulge, inside is the plastic grille with the insects net. Neatening of the vent is with the PVC pipe ø 100mm.

### Insulation

*Floor:* 160 mm,  $k = 0,416 \text{ W/m}_2 \text{ K}$   
*Outer perimeter walls:* 100 mm,  $k = 0,546 \text{ W/m}_2 \text{ K}$   
*Inner circumferential walls:* 60 mm,  $k = 0,546 \text{ W/m}_2 \text{ K}$   
*Roof:* 160 mm,  $k = 0,429 \text{ W/m}_2 \text{ K}$

### Composition of the roof

*Profilled sheet:* 0,75 mm galvanized profilled sheet, the depth of the trapeze wawe is 40 mm, ventilated, connected to the special roof profile, which is continuously screwed to the roof construction  
*Insulation:* mineral wool, in a flammability class A2  
*Vapour barrier:* 0,2 mm vapour barrier - polyethylene film  
**Roof loading:** 1,5 kN/m<sup>2</sup>

**Roof drainage** is implemented by the 4 plastic leads, ø 60 mm, based in all 4 corners, which are leading from colecting containers gutter. The conection to the sewerage system ensures the castumer.

### Inner lining

*Ceiling:* 10 mm bouth sides laminated chipboard, washable, no formaldehyde, white, connected by the rivets to the profile girders, the rivets heads are fitted up with the plastic covers in a corresponding colour, all lifts are fitted up with the special plastic lath  
*Walls:* 10 mm oboustranně bouth sides laminated chipboard, washable, no formaldehyde, colour – white/bright oak no formaldehyde, emissions class E1, the rivets heads are fitted up with the plastic cover in a corresponding colour, all lifts are fitted up with the special plastic lath