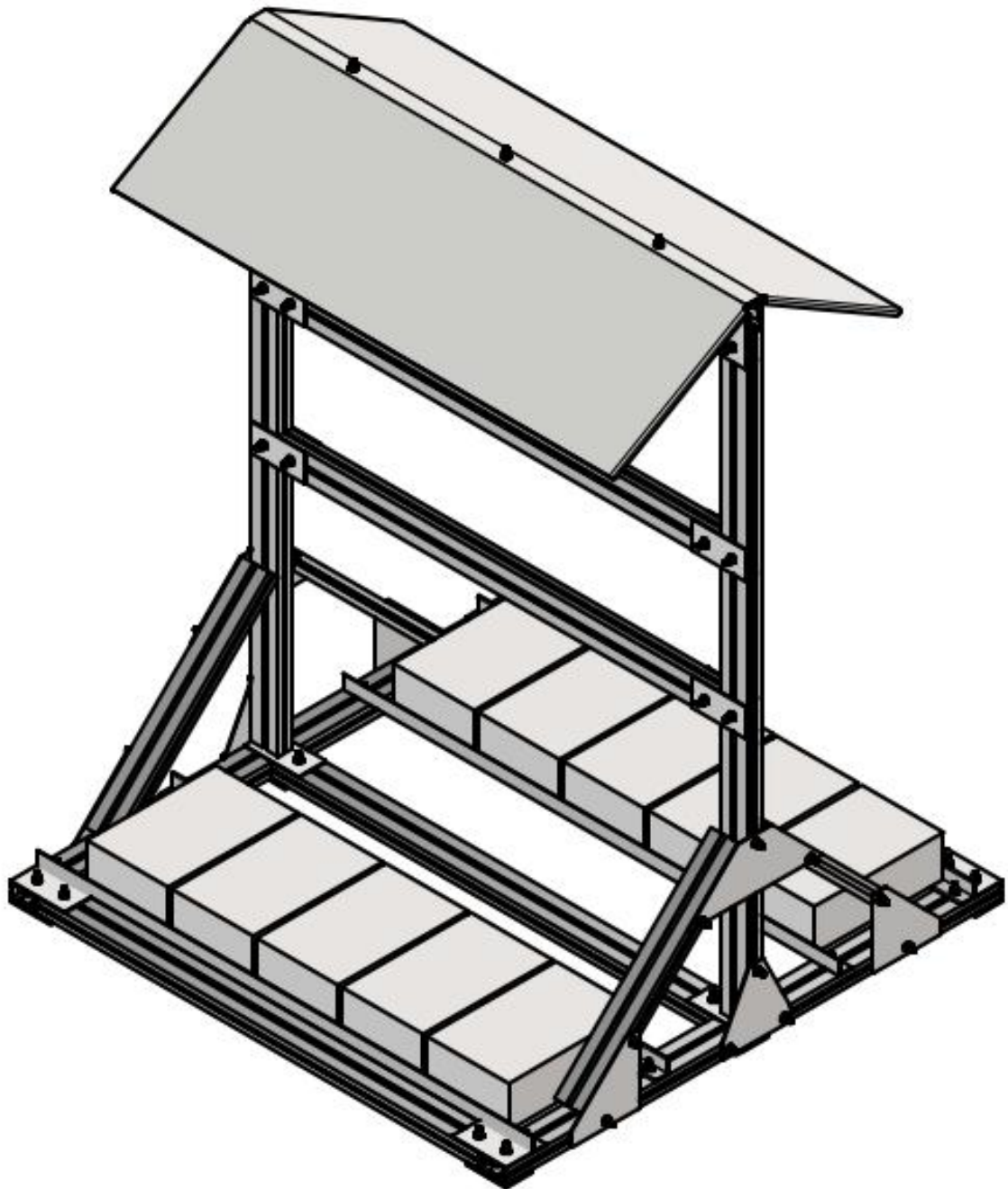




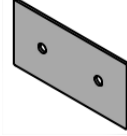
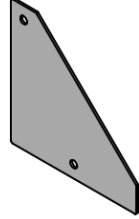
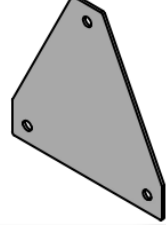
# ASSEMBLY INSTRUCTIONS

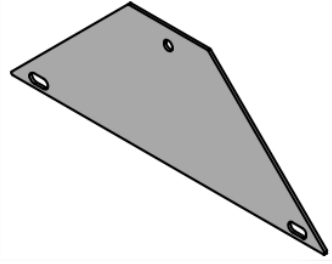
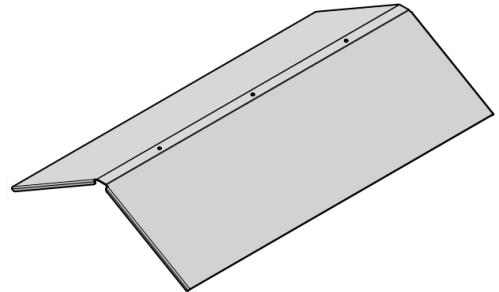
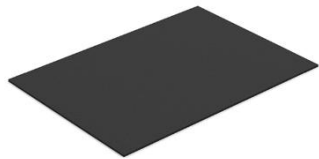
## FOR STAND L-06



During production, every effort was made to ensure that you receive a top-quality product that is also easy to install. These instructions are a set of rules for the correct installation of the structure components, but do not constitute a design or a substitute for it. The installer carrying out the installation must be suitably trained and qualified for the job. The installer is fully responsible for correct installation and should select the appropriate type of structure.

### 1. List of kit components

| ITEM | DESCRIPTION                                    | QUANTITY | LENGTH  | VIEW                                                                                  |
|------|------------------------------------------------|----------|---------|---------------------------------------------------------------------------------------|
| 1.1  | Base (Profile K-25)                            | 2        | 1460 mm |    |
| 1.2  | Crossbar (Profile K-25)                        | 5        | 1300 mm |                                                                                       |
| 1.3  | Pillar (Profile K-25)                          | 2        | 1760 mm |                                                                                       |
| 1.4  | Upper beam (Profile K-25)                      | 1        | 1460 mm |                                                                                       |
| 1.5  | Strut (Profile K-25)                           | 4        | 651 mm  |                                                                                       |
| 1.6  | Angle bracket under the ballast (Profile K-26) | 4        | 1460 mm |   |
| 2    | Connector L-06-01                              | 18       | -       |  |
| 3    | Sheet metal L-06-02                            | 4        | -       |  |
| 4    | Metal sheet L-06-03                            | 2        | -       |  |

|   |                          |    |   |                                                                                       |
|---|--------------------------|----|---|---------------------------------------------------------------------------------------|
| 5 | Metal sheet L-06-04      | 2  | - |    |
| 6 | Bent metal sheet L-06-01 | 1  | - |     |
| 7 | T-bolt K-19-30           | 75 | - |    |
| 8 | Nut K-21                 | 75 | - |   |
| 9 | Rubber plate K-98-10     | 6  | - |  |

Tab 1. Kit components

2. Screwing of the base with profiles **1.1;1.2** and fasteners **2**., as shown in pictures 1 and 2. Tighten the nuts to a minimum torque of 40Nm.

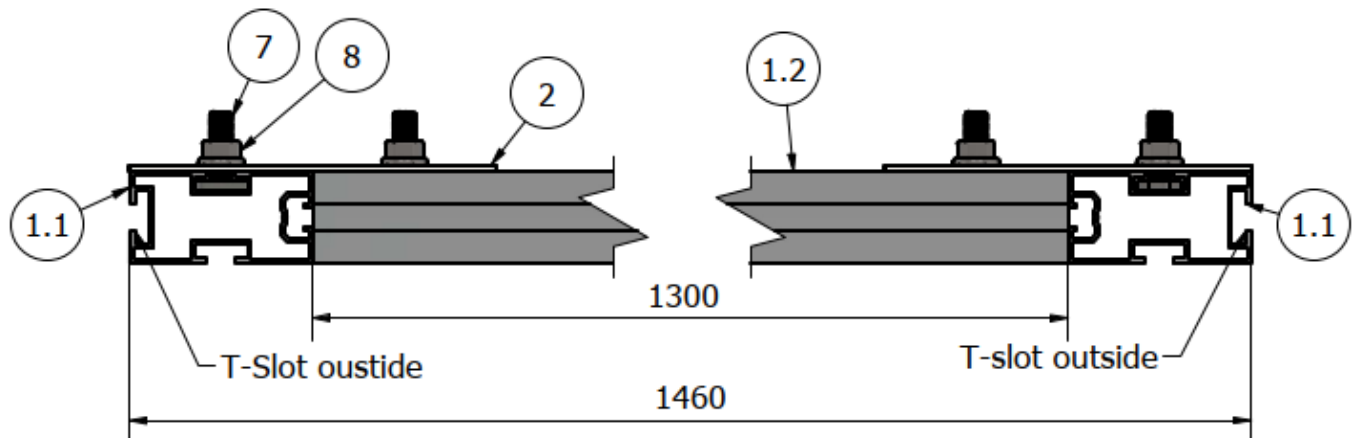


FIG. 1 Setting up the base profiles

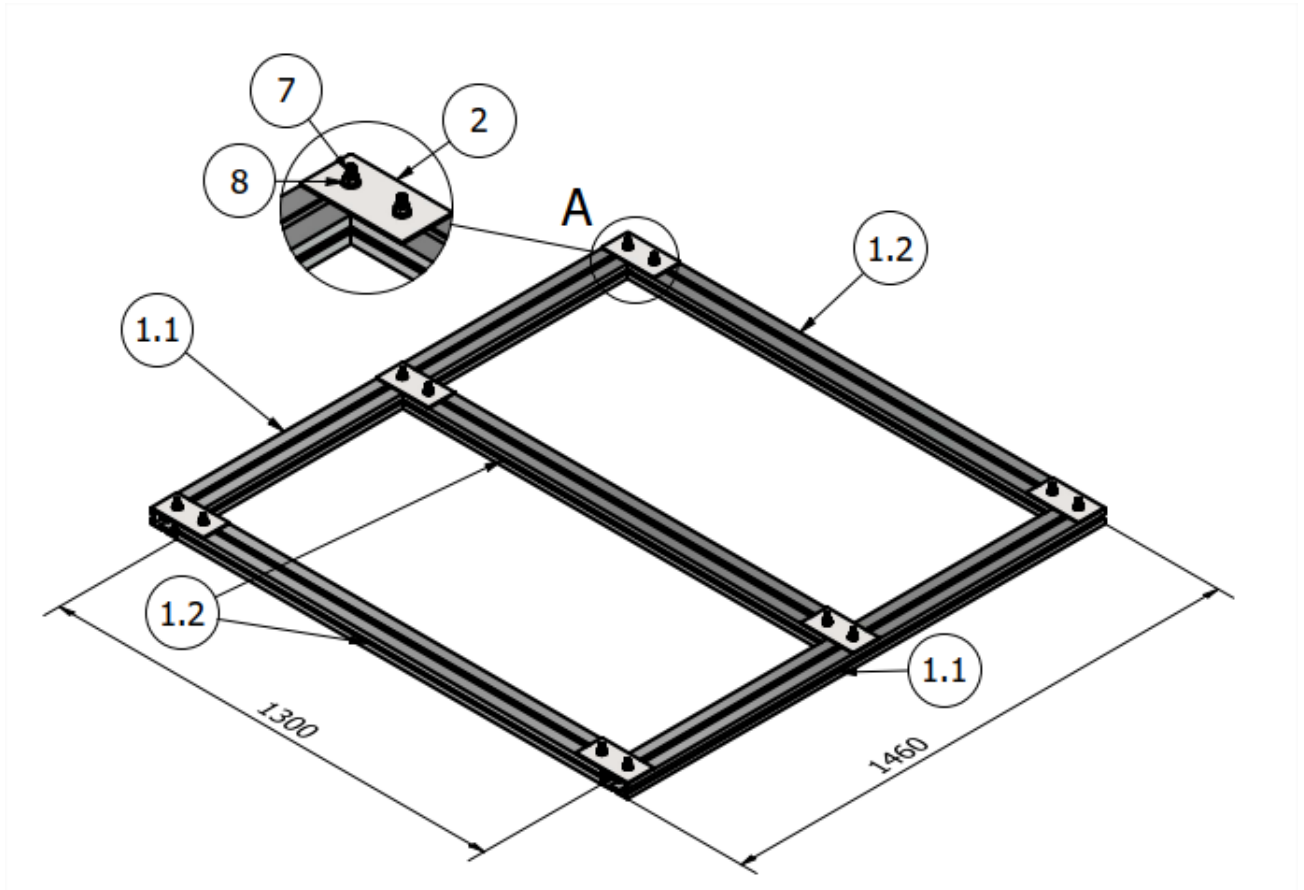


FIG. 2 Bolting the base

3. Turn the base over and glue the rubber plates **9** as shown in Figure 3.

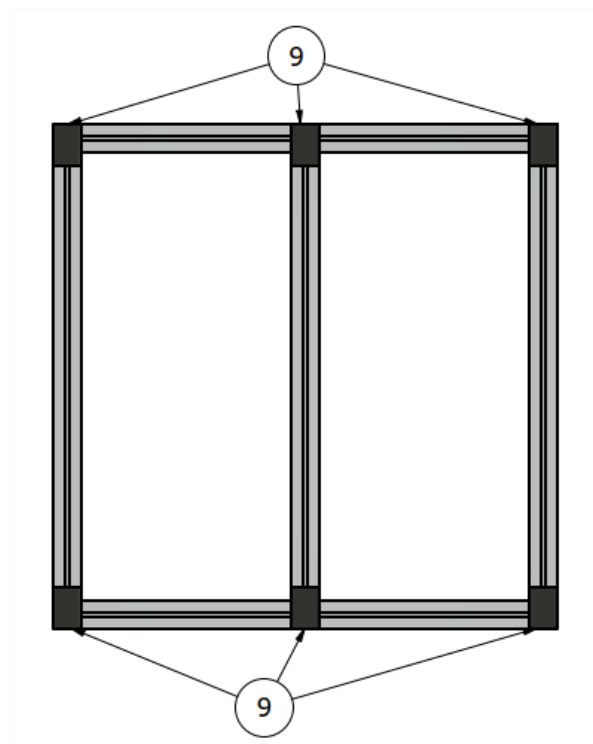


FIG. 3 Bonding the rubber plates

4. Using sheet metal **4**, bolt the vertical posts **1.3** to the base as shown in Fig. 4.

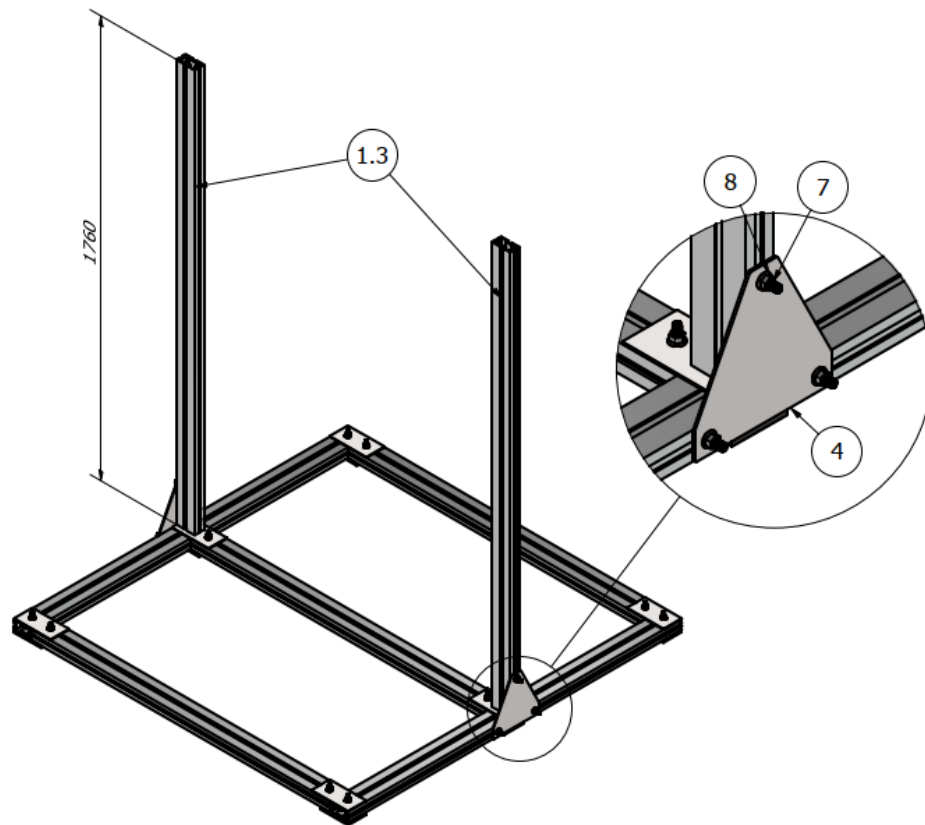


FIG. 4 Installation of vertical columns

5. Using fasteners **2**, screw the horizontal top beam **1.4** as shown in Fig. 5.

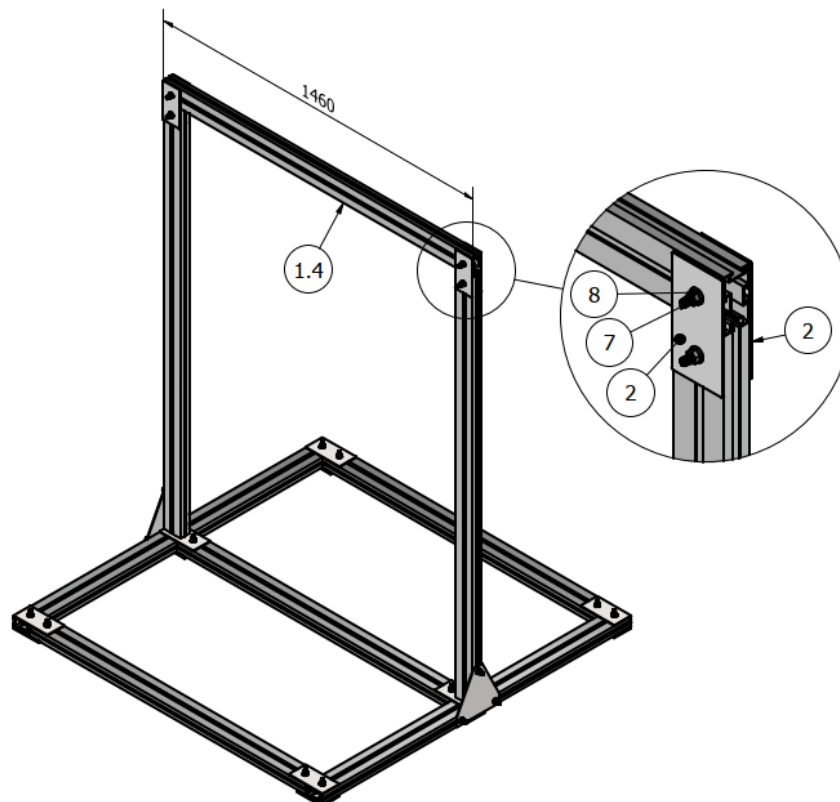


FIG. 5 Mounting the horizontal top beam

6. Screw the struts **1.5** to the base with the plates **3** as shown in Fig. 6. Maintain the strut angle of 45 degrees.

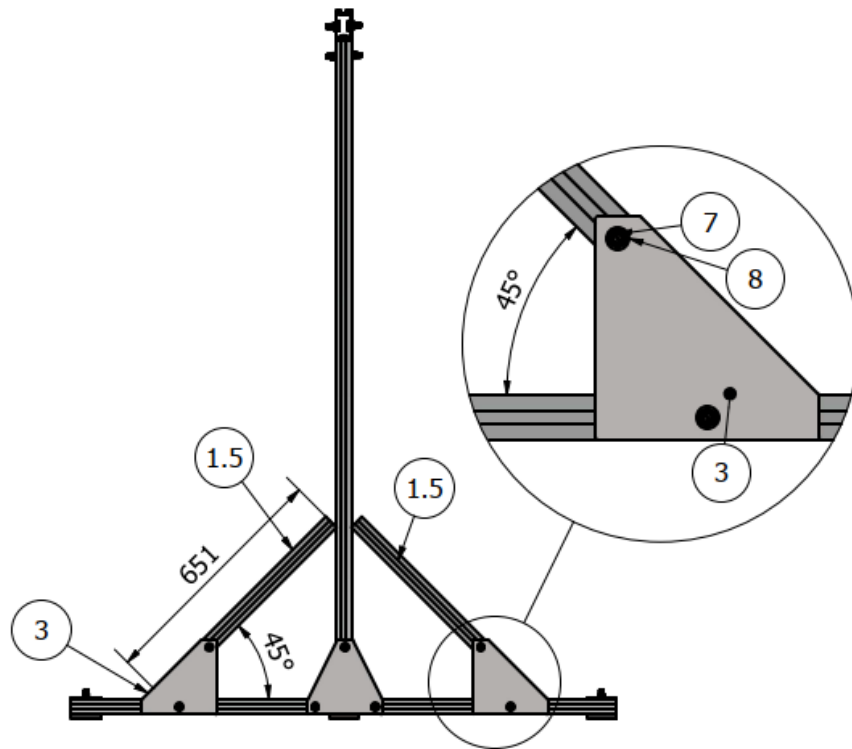


FIG. 6 Assembling the struts to the base

7. Screw the struts **1.5** to the vertical columns with plate **5** as shown in Figure 7.

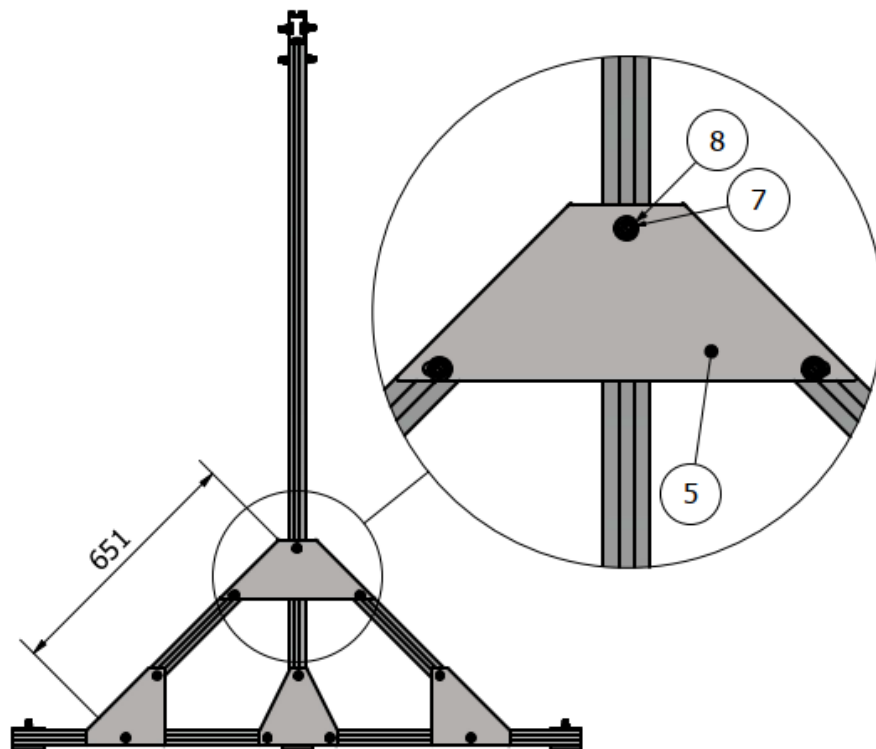


FIG. 7 Bolting the struts to the columns

8. Repeat steps 6 and 7 for the other side of the stand.

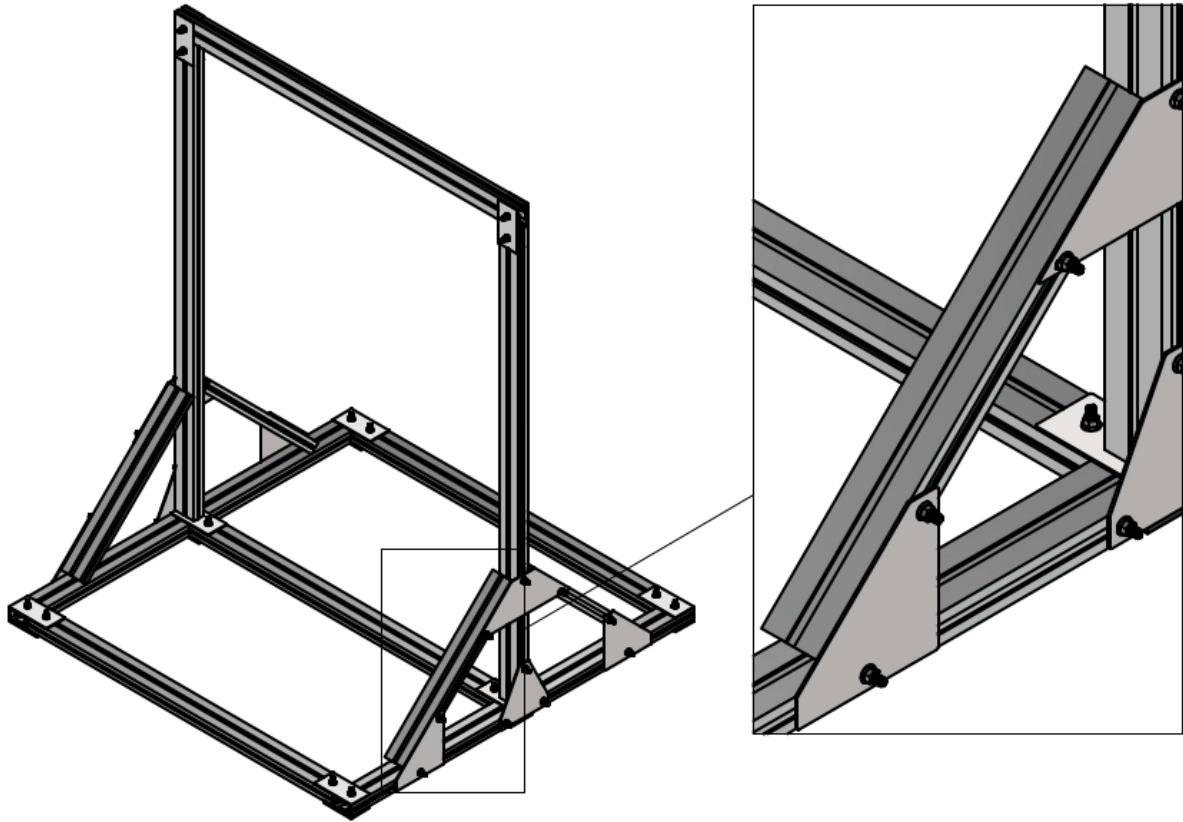


FIG. 8 Structure with screwed-in struts

9. Screw the crossbars **1.2** using the fasteners **2** as shown in Fig.9.

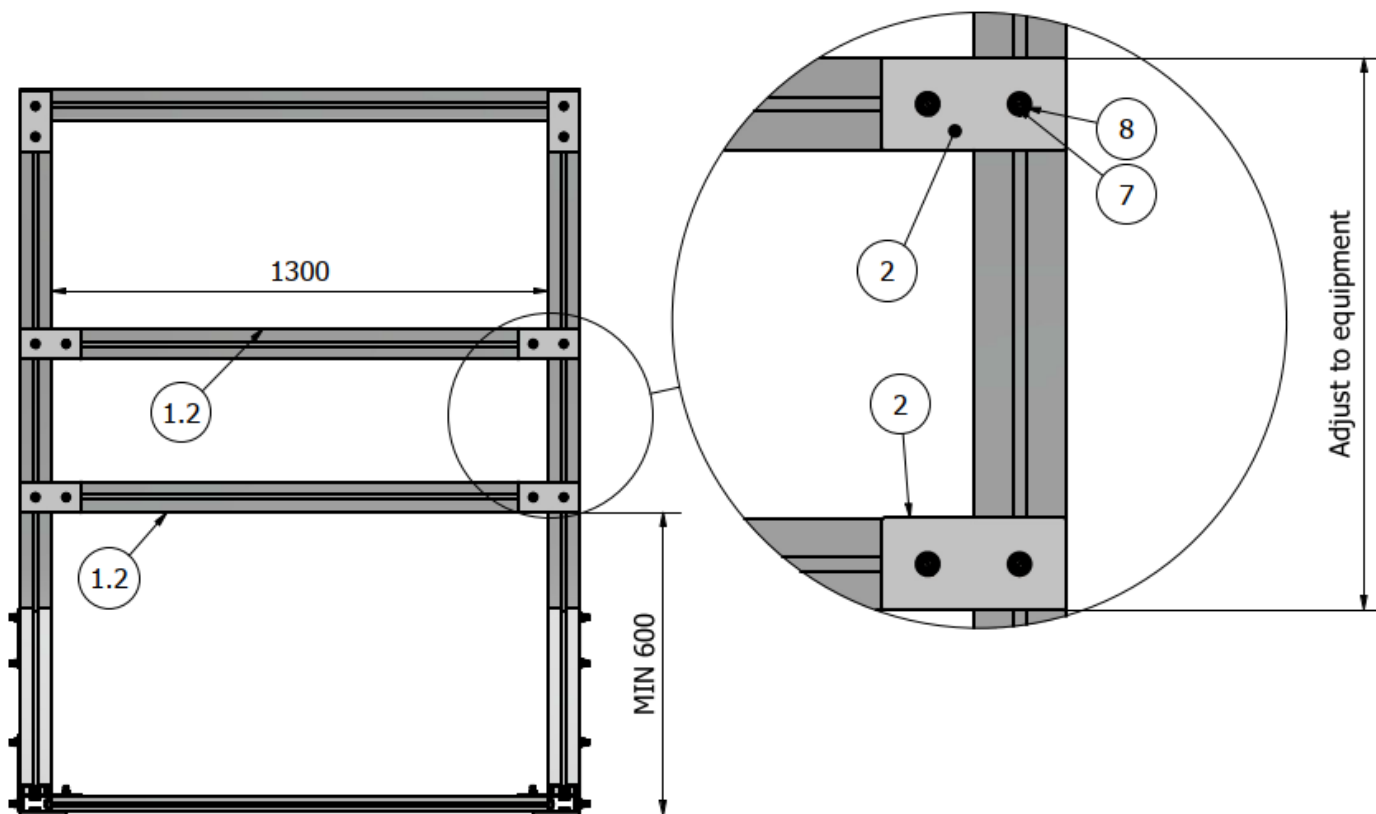


FIG. 9 Assembly of crossbars  
v1

10. Tighten all nuts to a torque of 40 Nm.

11. Fit canopy **6** and tighten from the top with a torque of 40Nm.

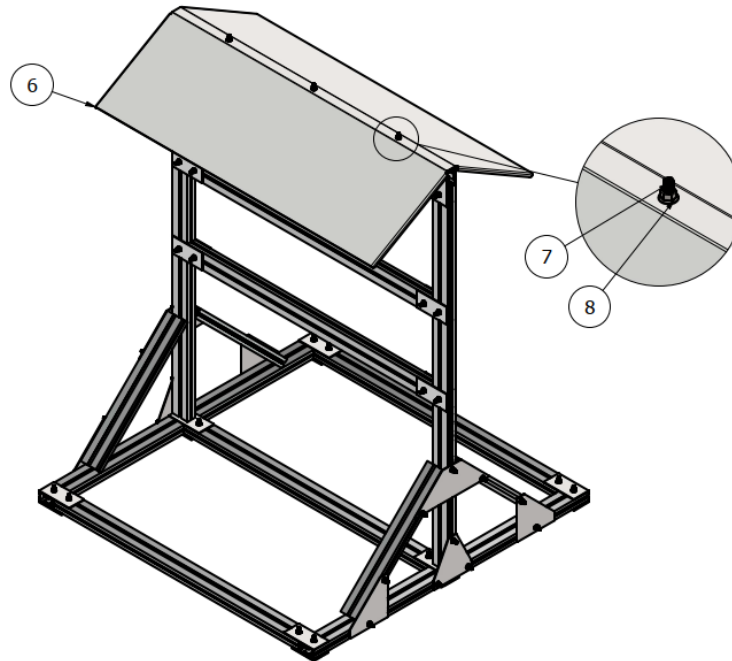


FIG. 10 Assembly of the canopy

12. Fit angle brackets under the ballast **1.6** as shown in Fig. 11.

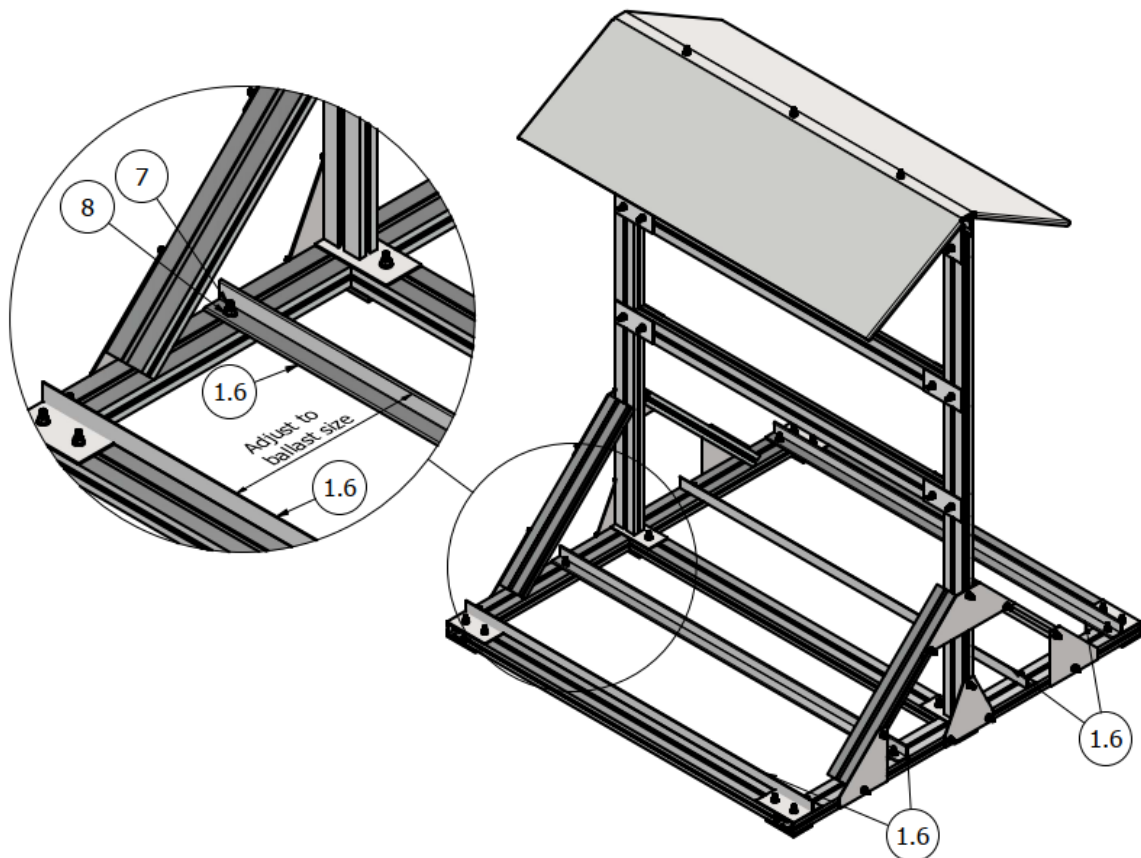


FIG. 11 Installation of the ballast angles

13. Place suitably selected ballast (road concrete blocks recommended) evenly on the support angles, with a mass of min. 100 kg per side of the structure (min. 200 kg in total), as shown in Fig. 12. **The values given are minimum values; the final ballast mass and its distribution must be consulted with a structural engineer**, who — considering the number and weight of the installed inverters, the type of roof, and the local wind and snow conditions — will determine the required ballasting of the structure.

**ATTENTION!**

The top layer of the roof covering must meet the appropriate strength requirements, i.e. it must be able to carry the weight of the structure together with the installed inverters and the additional ballast load. The entity performing the installation is responsible for verifying the load-bearing capacity of the roof and adjusting the ballast to local conditions.

An insufficiently ballasted structure must not remain exposed to wind.

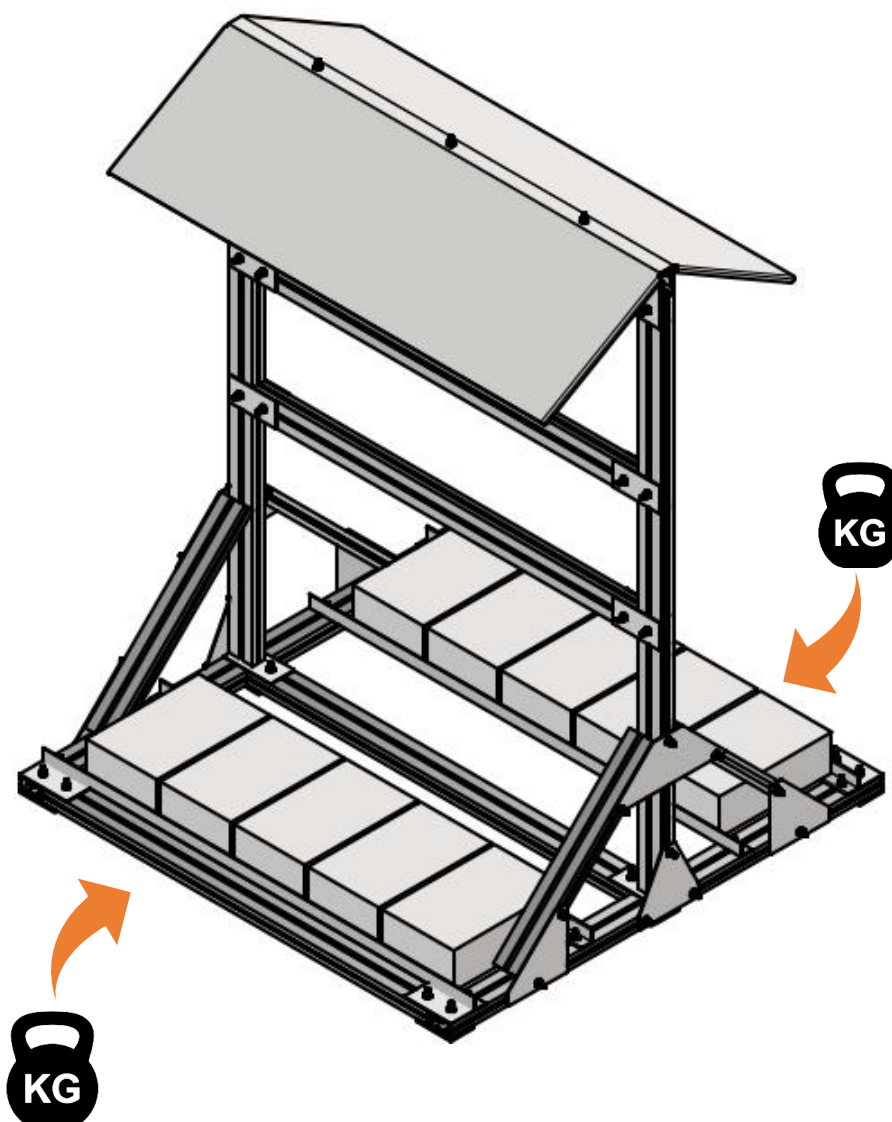


FIG. 12 Ballast arrangement

**Thank you for using the KENO Sp. z o.o. structure.**