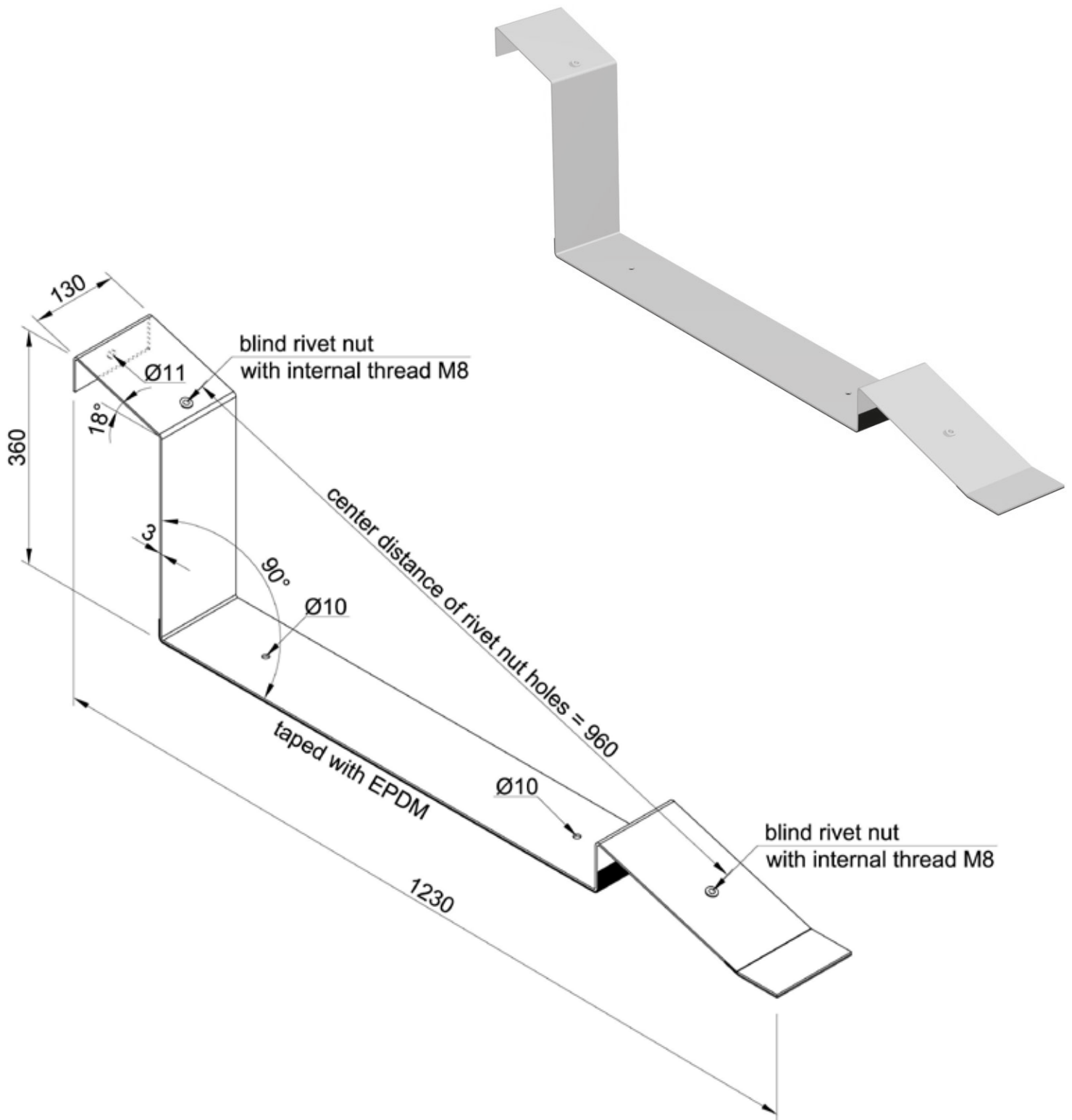


## PRODUCT DESCRIPTION

Ballast installation is one of the way to install photovoltaic panels on flat roofs. Main factor to install panels with ballast is to interfere as little as possible in the sheathing. Photovoltaic ballast installation is called non-invasive method.



## TECHNICAL SPECIFICATIONS

**Product:** Galvanized ballast 18° 1230x130 + EPDM

**Material:** Galvanized steel

**Height:** 360 mm

**Width:** 130 mm

**Length:** 1230 mm

**Thickness:** 3 mm

**Ballast mass:** 2 x 25kg

**Inclination angle:** 18°

**Direction:** south / east-west

**Fastening:** M8 allen bolt (rivet nut included)

### **\*The ballasts are taped with EPDM tape**

Given values are not actual installation conditions and require estimates. .

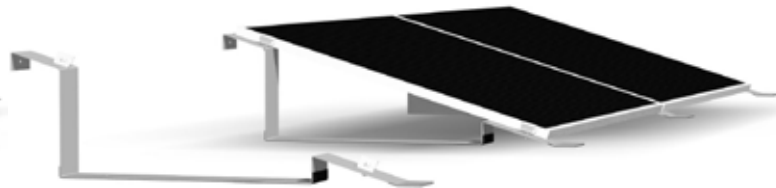
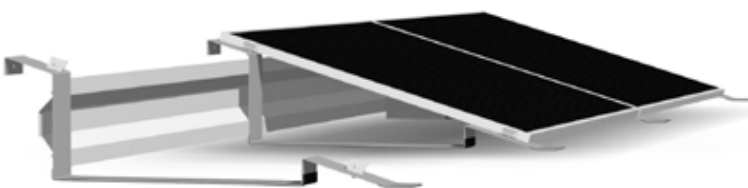
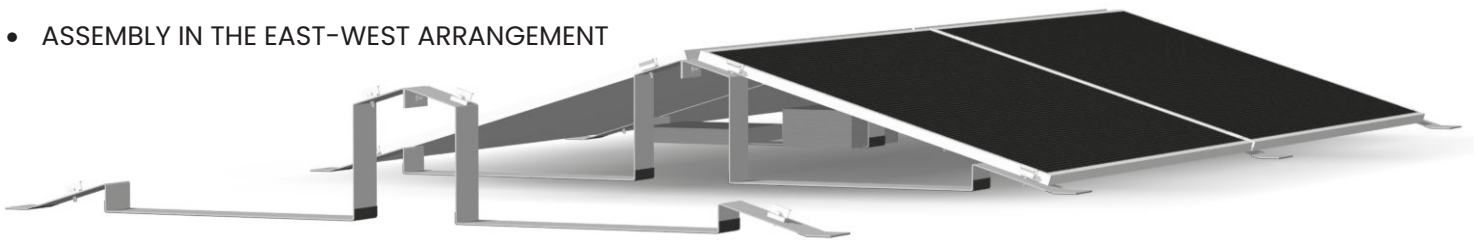
Using the ballast system, we do not expose the roof insulation elements for damages, which could have a negative impact on the tightness of insulation and, consequently, overcool the building.

Photovoltaic ballast structure is dedicated to the installation of PV panels on flat roof. This solution has special investors' interest, who have properties covered with flat roofs with a slight slope, and do not want to interfere permanently with the sheathing and structure of the roof.

Also its good to remember that ballast structures for photovoltaic allow installation at gradient approximately 18°. Although, this is lower than the recommended 30-40°, but technically it often turns out that flat roofs are less prone to shading and this gradient of inclination is quite sufficient for generating electricity from the sun.

Foremost, a structure prepared in this way is also less vulnerable to gusts of wind.

- ASSEMBLY IN THE EAST-WEST ARRANGEMENT



- ASSEMBLY IN THE SOUTH ARRANGEMENT WITH WIND SHIELD

- ASSEMBLY IN THE SOUTH ARRANGEMENT