SUN BALLAST®
Made to last
Patented systems

SINCE 2012
IDEAL SOLAR
MOUNTING SYSTEM
FOR FLAT ROOFS

Technical Sheet
Ballast 0°

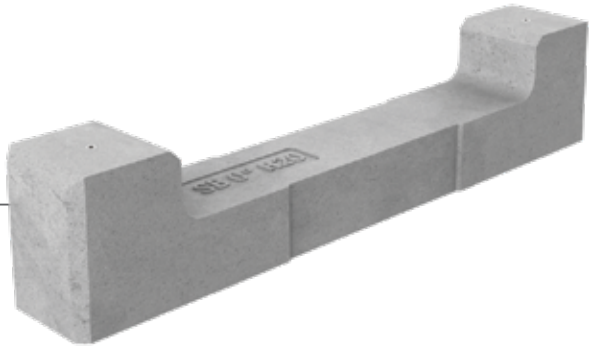
ART.23000.H20

PATENTED
PATENTED

11/2025

BALLAST 0°

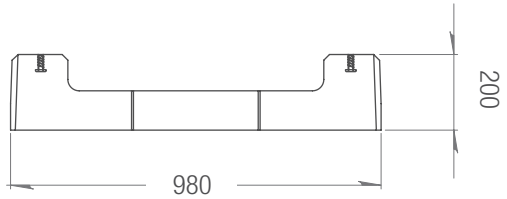
ART. 23000.H20

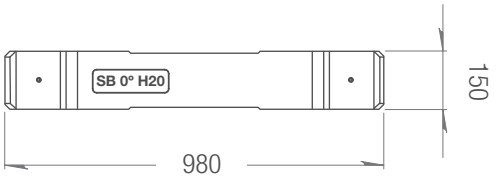


The Single-Row system offers a simple and highly versatile solution: available in a wide range of tilt angles from 0° to 30°, the ballasts allow for mounting of the panels vertically, horizontally, or with an East-West orientation. The mounting system enables flexible modulation of the distance between rows, ensuring an easy and fast installation, even in the presence of roof obstacles.

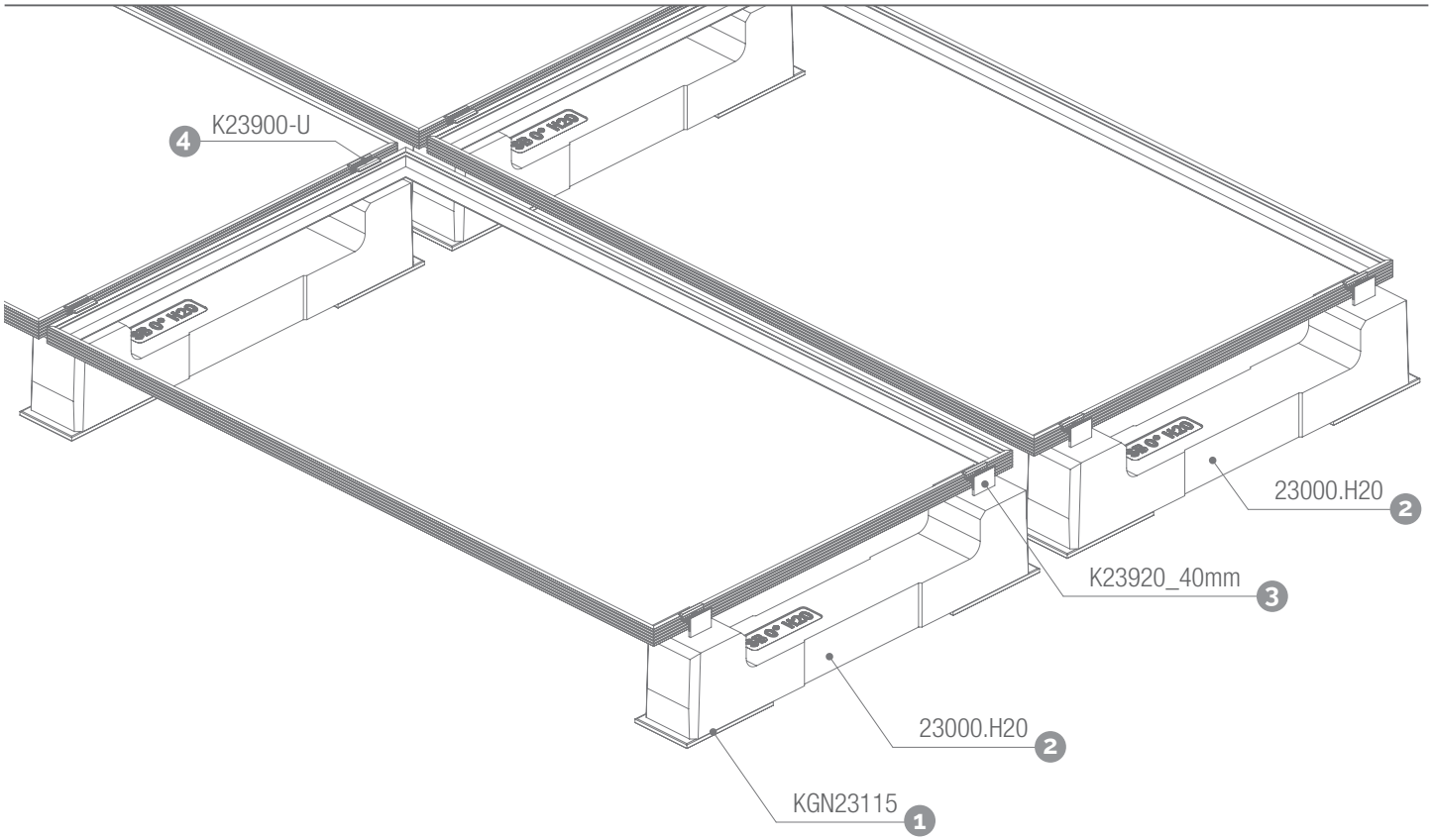
Tilt angle	0°
Module positioning	Horizontal - Short side / Vertical - Long side
Ballast weight	45 kg
Quantity per pallet	12 pieces
Pallet dimensions	1000x930x552h mm
Pallet weight	552 kg
Compatible accessories	Sheathing (KGN23115), Universal clamps (K23900/U.50, K23920/U.50), PowerClamp (K23900/PWC.50, 23920/PWC), Junction plate (K23804), U-Block (23015.CRP - 23030.CRP), No-Flex (K23712), Cablowind (CW.CABLOWIND.95 - CW.CABLOWIND.160 - CW.CABLOWIND.185)

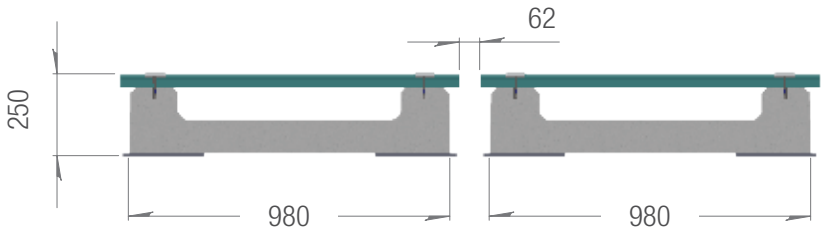
BALLAST DIMENSIONS





HORIZONTAL MODULE INSTALLATION - Short Side





Sheathing
KGN23115

1

Ballast
23000.H20

2

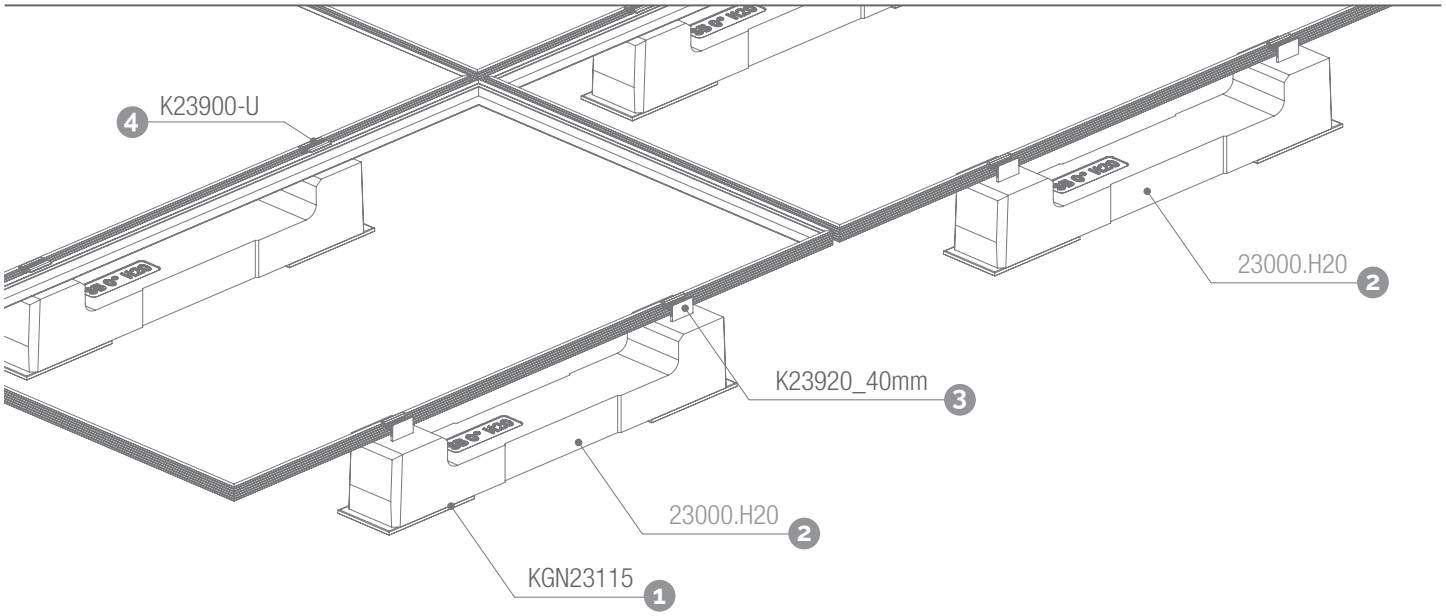
Terminal Clamp
K23920/U.50

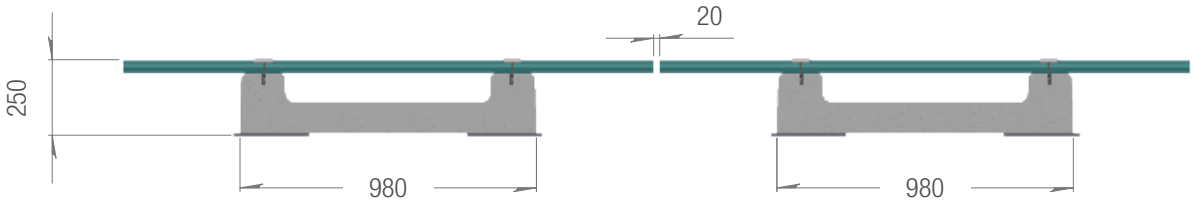
3

Central Clamp
K23900/U.50

4

VERTICAL MODULE INSTALLATION - Long Side





Sheathing
KGN23115

1

Ballast
23000.H20

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Terminal Clamp
K23920/U.50

3

Central Clamp
K23900/U.50

4

INFO

The distance between the rows is indicative and not binding; it may vary depending on the project.
The measurements are based on the use of a panel with dimensions of 1722mm x 1134mm x 35mm. They vary depending on the size of the panel used.
Follow Sun Ballast®'s assembly instructions.
The dimensions shown in the figure are all expressed in millimeters.

TECHNICAL CHARACTERISTICS

Description:

Precast unreinforced concrete ballast.
(Inside, there is an iron rod to increase mechanical flexibility)

- Exposure class: XC4;
- Strength class: C32/40;
- Minimum cement content: 340 kg/m3;
- Fire resistance class: Class 0 (Italian class) A1 (European class with ref. UNI EN 13501-1:2019);
- Maximum H2O penetration depth under pressure 500 kPa: 15 mm;
- Maximum H2O penetration depth under pressure 500 kPa: 15 mm;
- Weight tolerance: ±5%;
- Measurement: ±5 mm;
- Determination of pullout force of M8 threaded insert embedded in CLS element by direct pulling of M8 threaded bar screwed into it.

Results of the tensile test at 15 KN (1530 kg):
No slipping of the threaded insert;
Fracture of the threaded bar.

BASIC S.R.L Benefit Corporation, in the person of its legal representative, declares that production complies with UNI EN 206 and UNI 11104 standards, instructions, and procedures of the quality management system by UNI EN ISO 9001:2015 with TUV certification.

Any modification made to the product referred to in this declaration without the manufacturer's authorization voids this declaration of technical requirements. The technical characteristics of the product are listed below.

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SUN BALLAST®
Made to last
Patented systems

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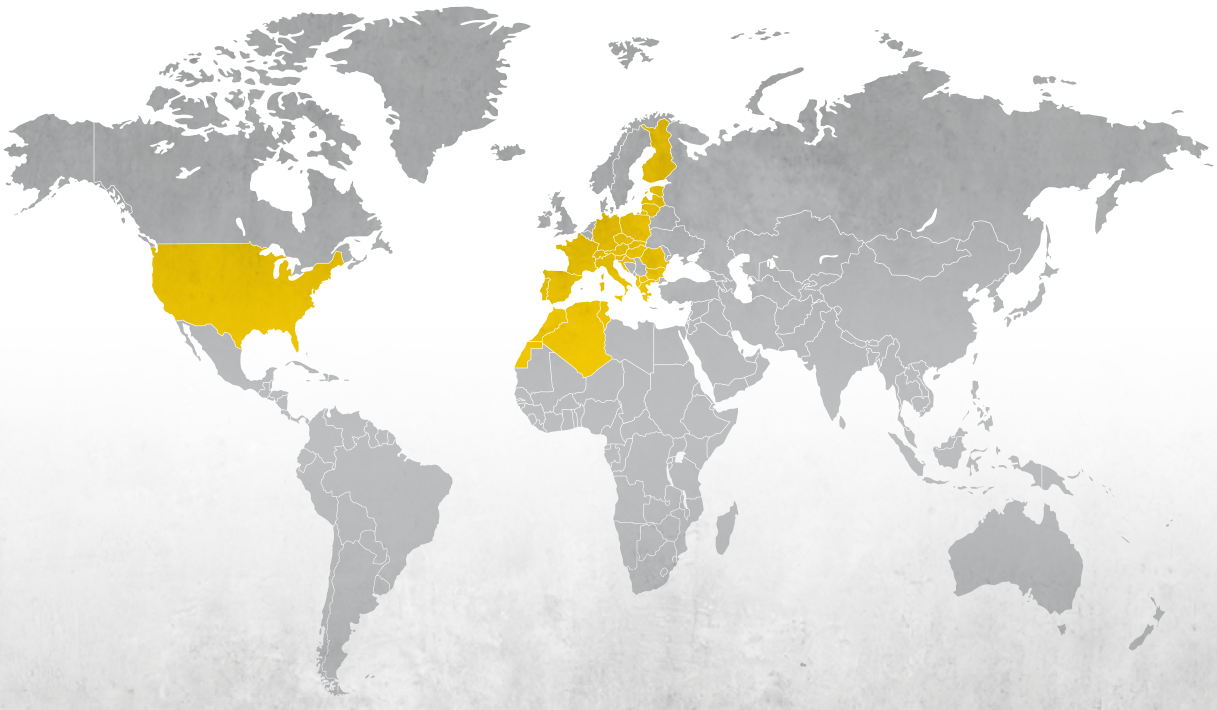

MADE TO LAST.

www.sunballast.com