

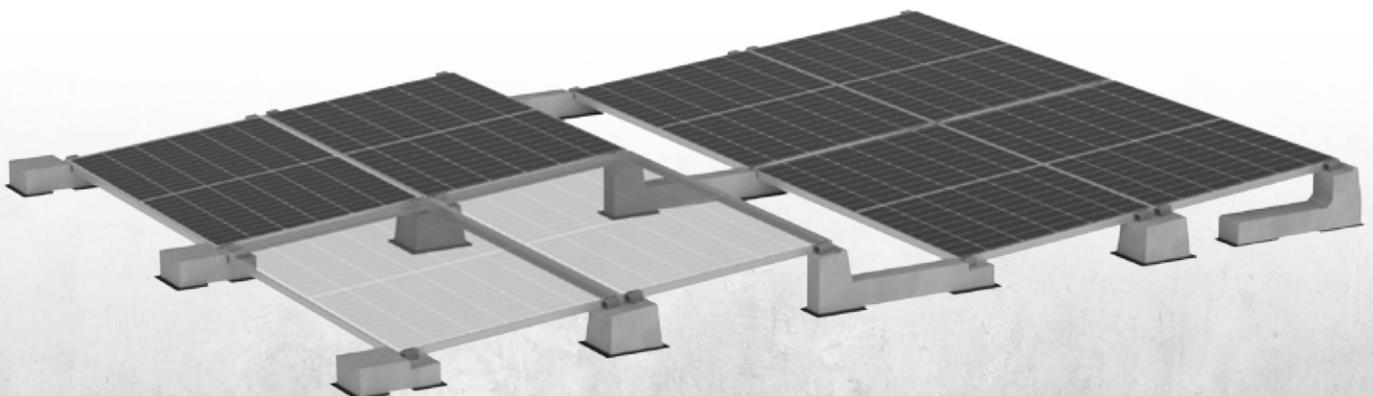


Made to last
Patented systems

SINCE 2012
IDEAL SOLAR
MOUNTING SYSTEM
FOR FLAT ROOFS

Technical Sheet Sail Connect 5°

ART.23005.CF/CRC/CRR/CRTT



SAIL CONNECT 5°

ART. 23005.CF/CRC/CRR/CRTT



The Sail Shaped Connect system by Sun Ballast is designed for the horizontal mounting of two consecutive rows of photovoltaic panels, connected through the typical reticular structure of the Connect system. It allows for optimised space on the roof by eliminating the gap between rows. The system also ensures high wind resistance, reduced roof loads, and maximum versatility in the presence of roof obstacles.

Tilt angle 5°

Module positioning Horizontal – Short Side

Compatible accessories Sheathing (KGNF2325), 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)

BALLAST ART. 23005.CF

Ballast weight	20 kg	Pallet dimensions	900x740x656h mm
Quantity per pallet	32 pieces	Pallet weight	654 kg

BALLAST ART. 23005.CRC

Ballast weight	20 kg	Pallet dimensions	1010x670x492h mm
Quantity per pallet	24 pieces	Pallet weight	493 kg

BALLAST ART. 23005.CRR

Ballast weight	28 kg	Pallet dimensions	930x910x540h mm
Quantity per pallet	18 pieces	Pallet weight	517 kg

BALLAST ART. 23005.CRTT

Ballast weight	33 kg	Pallet dimensions	1220x710x537h mm
Quantity per pallet	16 pieces	Pallet weight	543 kg

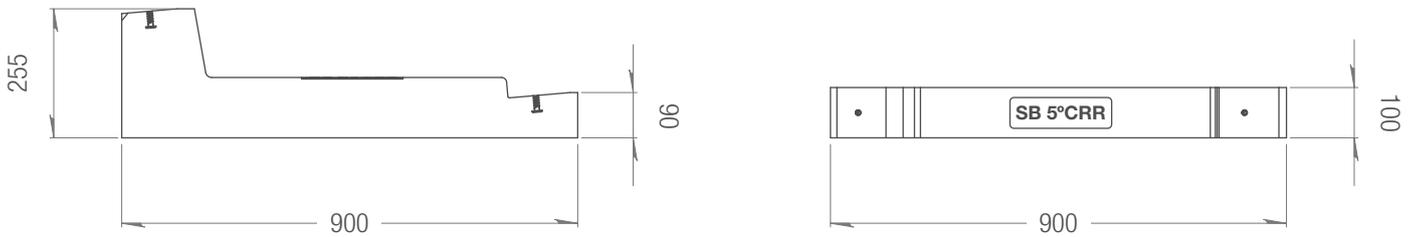
BALLAST 23005.CF DIMENSIONS



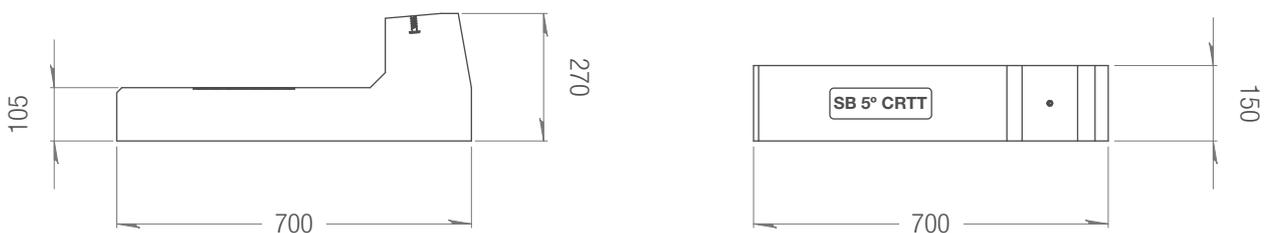
BALLAST 23005.CRC DIMENSIONS



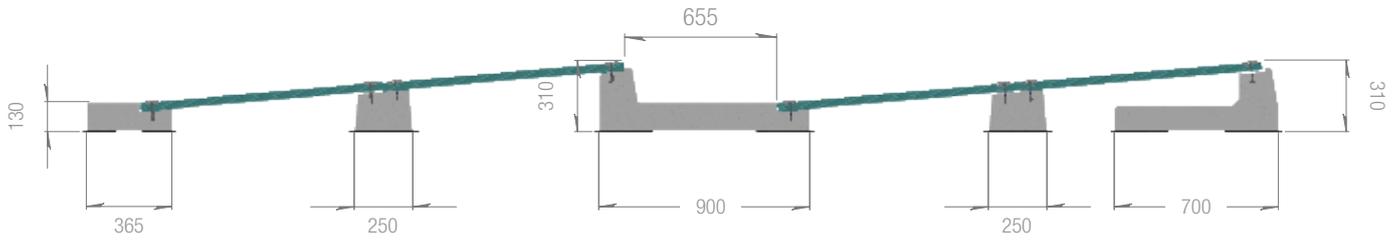
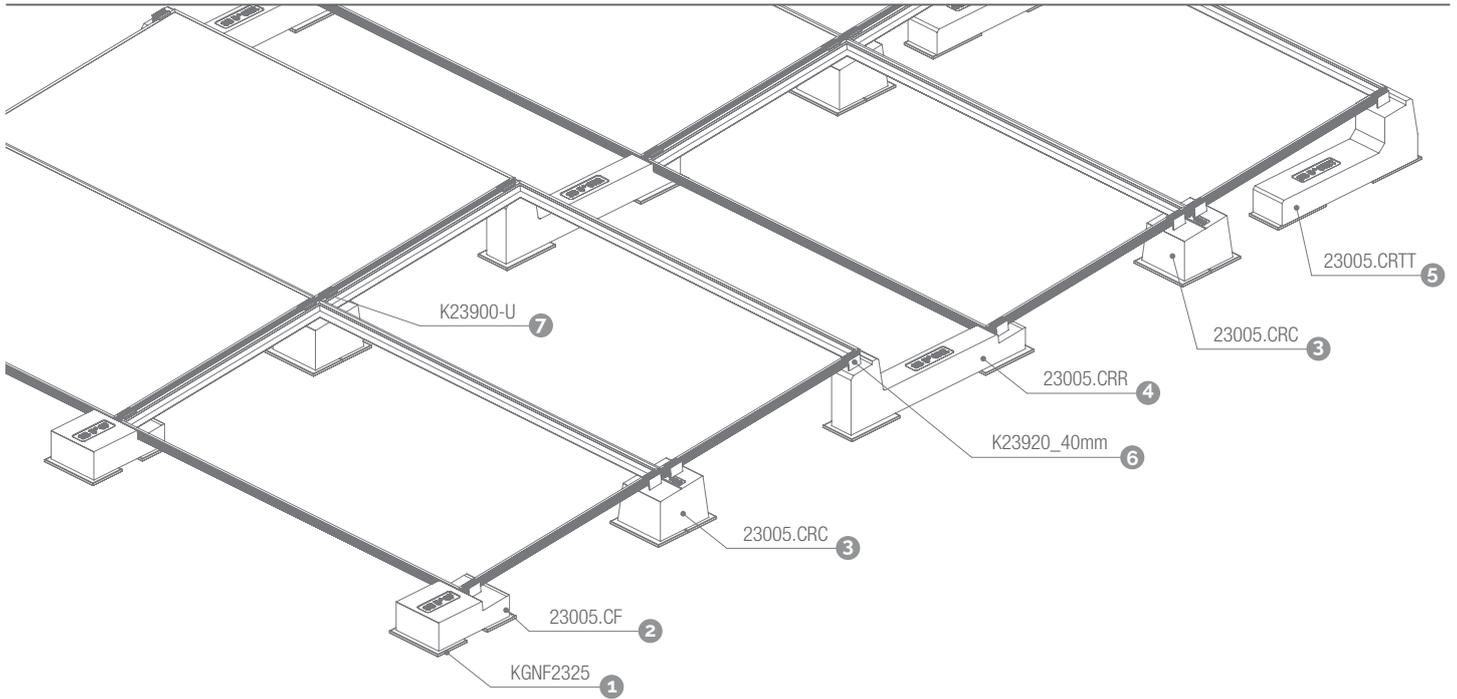
BALLAST 23005.CRR DIMENSIONS



BALLAST 23005.CRTT DIMENSIONS



HORIZONTAL MODULE INSTALLATION - Short Side



INFO

The images shown are for illustrative purposes only and may differ slightly.

The dimensions indicated in this section are approximate; therefore, it is important to refer to the project developed by Sun Ballast®.

All dimensions shown in the figure are 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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CONTACTS

INFORMATION AND FIRST CONTACT

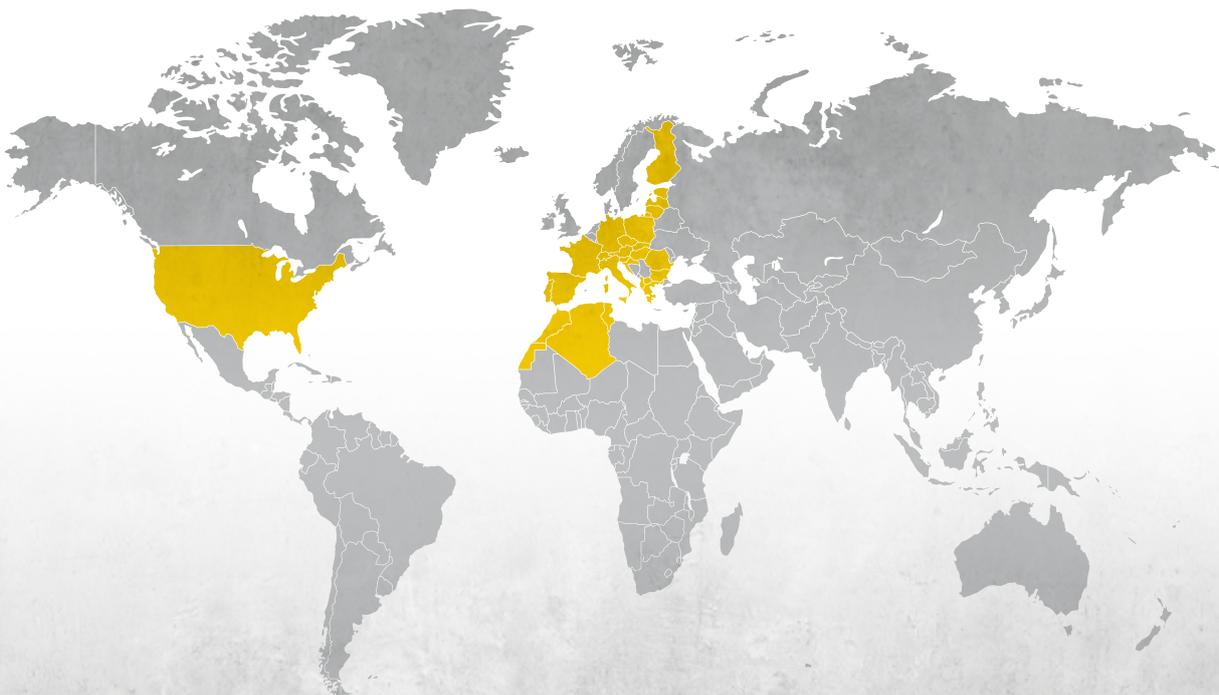
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