ROOF SAFETY SYSTEMS BV

RSS FLAT ROOF COMPACT

MANUAL
Certified to EN 13374 +A1 2019 Class A.

EN



WARNING

All instructions in this manual must be strictly followed. Failure to follow the instructions in this manual may result in serious accidents. RSS Roof cannot be held liable for any damage, resulting from non-compliance with the manual and from the use (in combination) of non-original RSS Roof parts and components!

ON A MISSION FOR YOUR SAFETY

EN-RSS-Roof instructions 2026-FRCO-005
www.roofsafetysystems.com

ROOF SAFETY SYSTEMS BV

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EASY TRANSPORT AND HOISTING

Thanks to the transport frame, the complete system (40 meters) with all accessories can be easily transported, hoisted onto the roof and stored. For hoisting, Scan the QR code. Here you will find the manual for hoisting RSS Hoistingframe Compact.

PURPOSE OF THE SYSTEM

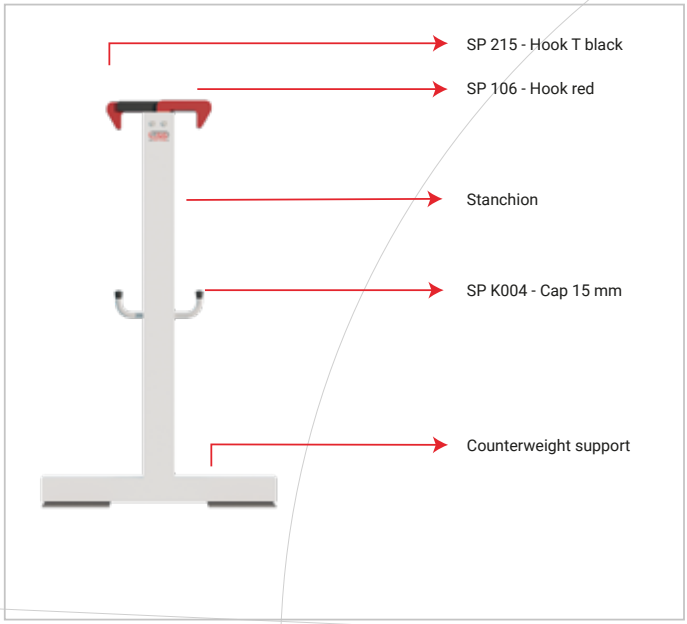
According to local and European guidelines, in most cases it is a legal requirement to secure the eaves against fall hazards when working on a roof. The RSS system is designed to provide effective collective fall protection on flat roofs.

The RSS system can be used with a 4-meter-long fence. It is, if installed according to these instructions for use, suitable as temporary edge protection as defined in EN 13374 for the following classified situation:

The system is only suitable for flat roofs with slopes up to and including 10 degrees and an eave with a minimum height of 150 mm/15 cm.

Class	Static load [kN].			dynamic load [kN].			
	Fh1	Fh2	Fv	Roof Inclination	Fh1	Fh2	Fv
A	0.5	0.2	1.5		Not applicable		

SPARE PARTS RSS FLAT ROOF COMPACT



SAFETY INSTRUCTIONS





Before starting assembly and disassembly work, read the following safety instructions carefully and follow all instructions carefully. Failure to properly assemble the RSS Flat Roof Compact may result in dangerous situations that could lead to accidents and injuries. Roof Safety Systems (RSS-Roof) cannot be held liable for any (consequential) damages of a personal, material or financial nature.

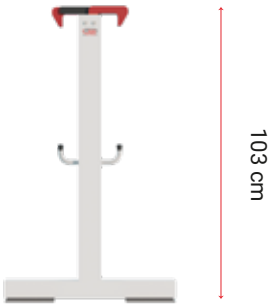
- Never attach other elements (e.g., tarps) to parts of the RSS system.
- During snow or sleet, the roof may be slippery and it is prohibited, even with the RSS roof edge protection system, to enter the roof.
- Use only undamaged and properly functioning parts. Check and visually inspect all check and visually inspect all parts. All parts should be inspected annually by an expert.
- After a fall of a person or object toward or into the restraint system or its accessories, the system may only be used again after inspection by a competent person (EN 13374 +A1 2019: Class A).
- Dismantle the system with wind force greater than 6 bft. Wind force 6: moderate wind, thick branches move, problems with umbrellas, wind is clearly audible and has a speed of 39 to 49 km / h. (Source: Beaufortskala)
- Since there is always a risk of falling during construction or disassembly of the system, assembly and disassembly should only be performed by instructed persons. A safe stand is always required for this work.

The RSS Flat Roof Compact system consists of the following components:

Article no: 204 - RSS Flat Roof Compact Stanchion



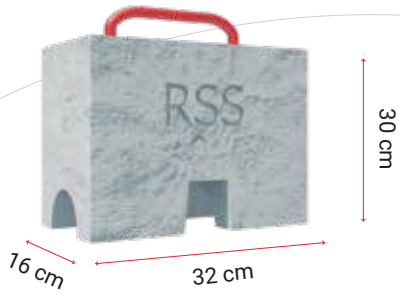
Dimensions:



Article no: 202-4 - RSS Ballastblocks



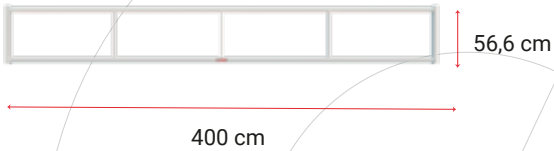
Dimensions:



Article no: 201 - RSS Fence Flat Roof 4m



Dimensions:



Caution! During assembling, dismantling or relocation of security, make sure there is sufficient individual protection.

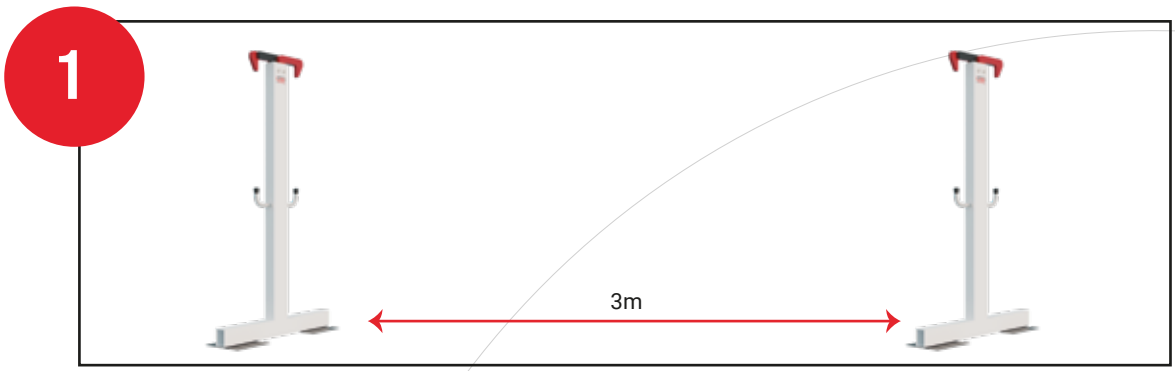
BEFORE ASSEMBLY

Check before mounting the system:

- Whether all parts of the RSS system to be used are free of damage or any defects. Check that the roof meets roof pitch of 15 degree for flat roofs.

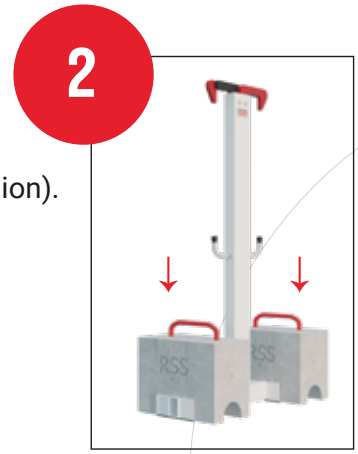
STEP 1

Construct 2 stanchions and 1 fence in a safe area. The two stanchions should be 3 meters apart.



STAP 2

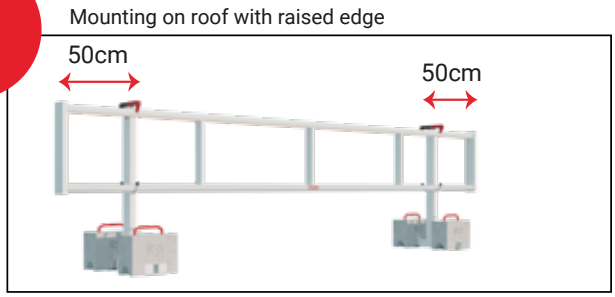
Place the ballastblocks (2 pieces per stanchion).



STEP 3

Place the fence with the lower tubes in the rack supports on the inside of the upright. Tilt the fence against the upright and close the hooks at both uprights so that the fence is secured.

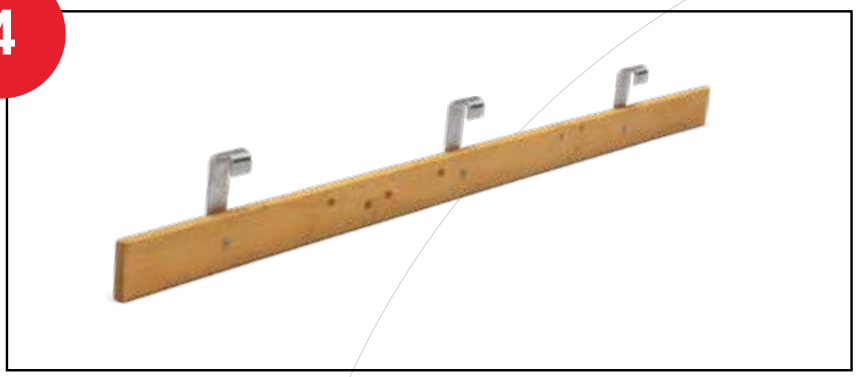
3



Attention! The ends of the fence must protrude 50 cm!

Attention! Add the RSS Edgeboard (article number 203) when ther is NO upstanding edge or when the upstanding edge is <15cm.

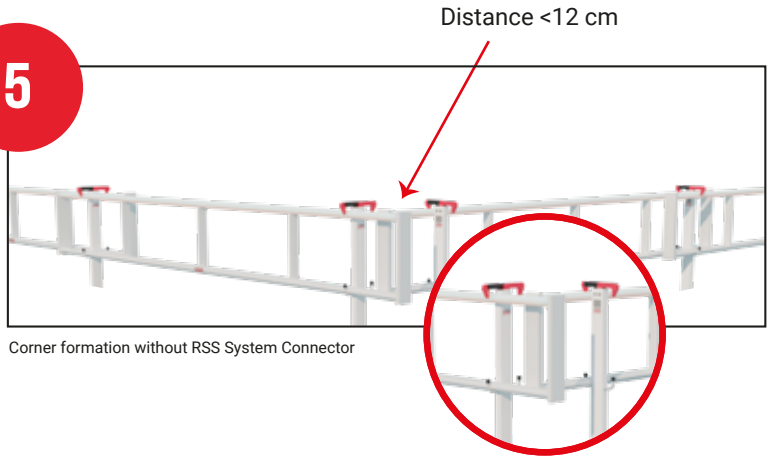
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STEP 4

Place the third stanchion 3 meters away from the second stanchion. Then place the fencing on the outside of the stanchion. In this way, the work surface can be fully secured.

5



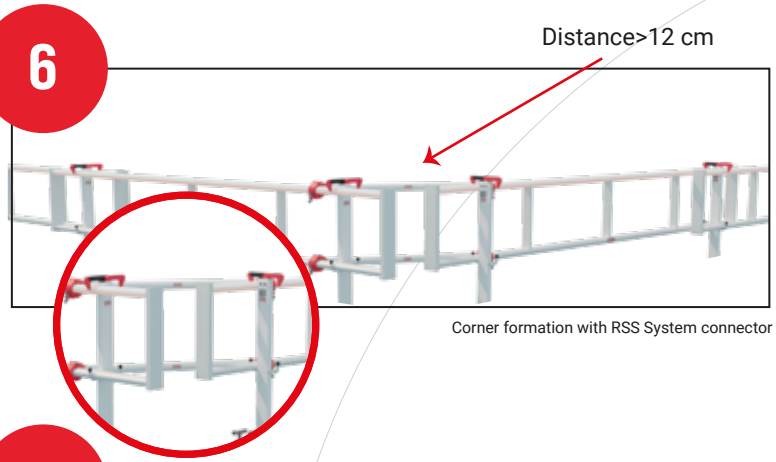
Corner formation without RSS System Connector

IMPORTANT

The fences can be easily placed against each other by correctly positioning the clamps. In this situation, other connectors are not needed (see Figure 4).

Pay attention during assembly!
- Each fence must have a minimum of 2 clamps as support.
- Clamps should be a maximum of 3 meters apart for a 4 meter fence.

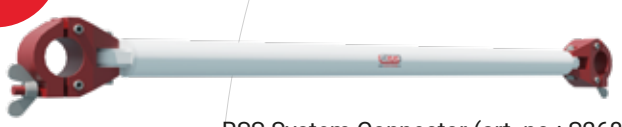
6



Corner formation with RSS System connector

When the distance between fences is more than 12 cm, the RSS System Connector (Art. No.: S268) must be used. This ensures that a safe angle is created (see Figure 5).

7



RSS System Connector (art. no.: S268)

DISMANTLING

Repeat previous steps in this manual in reverse order for disassembly. Clean the clamps with a dry towel after use. This will ensure that accumulated dirt or moisture is removed. Ensure that all components are inspected by a specialist at least once a year.

MAINTENANCE AND INSPECTION

All system components must undergo expert inspection before use, and at least once a year. This test, for a sound occupational safety policy, must be documented in writing. The systems are reliable and can only be used if:

- Damage or permanent changes in any form are not be observed;
- Drill holes and bolts are undamaged and ensure proper fit;
- The aluminum parts and plastic parts have no cracks or other damages;
- The markings on the stickers are fully present.

REVISION LOG

Stand revision	Date	Description
2022-FRC-001	05-01-2022	manual in accordance with EN 13374 +A1 2019.
2025-FRC-002	19-02-2025	Redesign.
2025-FRC-003	07-08-2025	Add QR Code RSS Lifting Frame Compact.
2025-FRCO-004	04-11-2025	Dimension correction (201)
2026-FRCO-005	02-11-2026	Clarification regarding the angle of inclination

NOTES

TESTED AND CERTIFIED ROOF SAFETY SYSTEMS

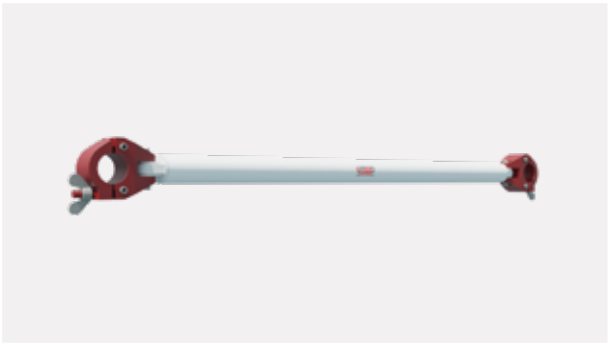
OUR PRODUCTS ARE TESTED AND CERTIFIED

Aboma certified/2022/002

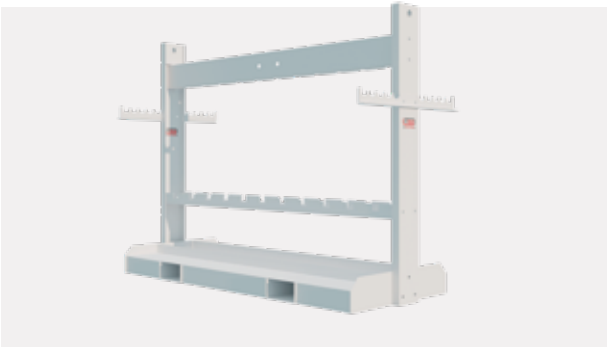
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ACCESSORIES RSS FLAT ROOF COMPACT

Item No. S268 - RSS System connector



Article no. 400 - Transportframe 40 meters



Article no. 203 - Side board



Article No. 206 - 2m Fence

