ROOF SAFETY SYSTEMS BV

ON A MISSION FOR YOUR SAFETY

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EN

Instructions

Flat Roof



RSS Roof Shelter as a flat roof fall protection system

according to European Standards EN 13374

Warning: all instructions in this manual need to be strictly followed.
Failure to follow the instructions in this manual will may result in serious accidents.
RSS Roof cannot be held liable for damages resulting from not building according to the manual and by the use in use of non-original RSS Roof parts and components!

ROOF SAFETY SYSTEMS BV
THE ORIGINAL
FALL PROTECTION SYSTEM

Table of contents

Construction & use of the RSS Roof Shelter 3

A Purpose of the RSS Roof Shelter system
B Components of the RSS Roof Shelter flat roof system
C Assembly and dismantling RSS Shelter System

Revision log & Notes 9

Accessories RSS Roof Shelter 10

One system for multiple types of roofs 11



Important!

This manual explains the use of the RSS Roof Shelter as a flat roof.
The following conditions apply to be used as a flat roof system:

1. Roof pitch up to 10 degrees
2. Roof edge with the correct height *

Construction & use of the RSS Roof Shelter

A Purpose of the RSS Roof Shelter system

Notes

The roof edge should have a minimum height of 15 cm.

* If the eaves do not have the correct height, the toeboard must be used.

See figure 4 on page 7 for implementation.



Item number: S313

SAFETY INSTRUCTIONS

Before starting assembly and dismantling work, read the following safety instructions carefully and follow all instructions carefully. If the Roof Shelter is not assembled correctly, dangerous situations that may lead to accidents and injuries. RSS Roof Safety Systems cannot be held liable for any (consequential) damages of a personal, material or financial nature.

- Mount the roof edge protection with at least 2 persons. These persons should be familiar with the product, competent and in good physical and mental condition.
- Use work gloves, safety shoes, safety helmet and fall protection.
- First check that all parts are present and in good condition. Damaged and/or incorrect parts should not be used.
- Install the roof edge protection only on a flat roof and load-bearing surface, that can support the combined mass of the complete system.
- As soon as the wind force measured on site exceeds 6 Bft the installation work must be stopped.
- Secure the work area from any passersby and traffic.
- Never compromise the strength and stability of the roof edge protection. Do not use mechanical lifting devices or personal fall protection devices on or at the roof edge protection.
- Always replace worn or damaged parts immediately. Consult the manufacturer or supplier for this purpose.
- Maintenance and assessment/inspection of the system must take place at least. Once a year by an expert.
- Do not use the system on wet roofs frozen by frost. Ice formation can cause the roof edge protection to slide.

B Components of the RSS Roof Shelter flat roof system

The RSS Roof Shelter flat roof system consists of the following components:

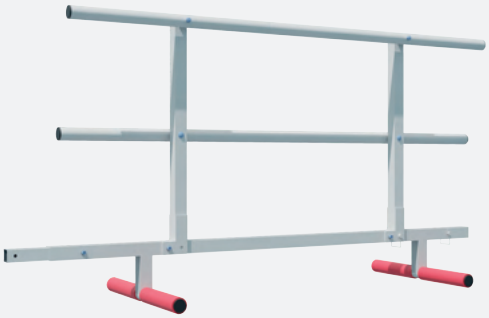
202-4 - Ballast block



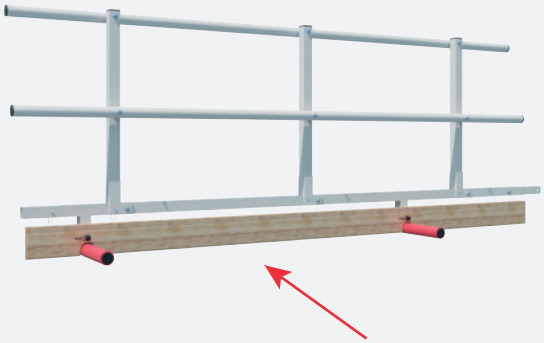
RSH 001 - Locking pin square



303 - Roof Shelter - 2 meter fence



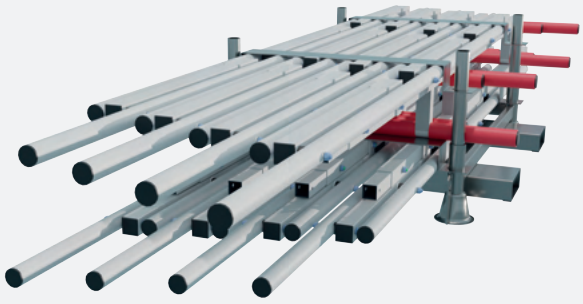
S313 - Toeboard 3 meter



302 - Roof Shelter - 3-meter fence



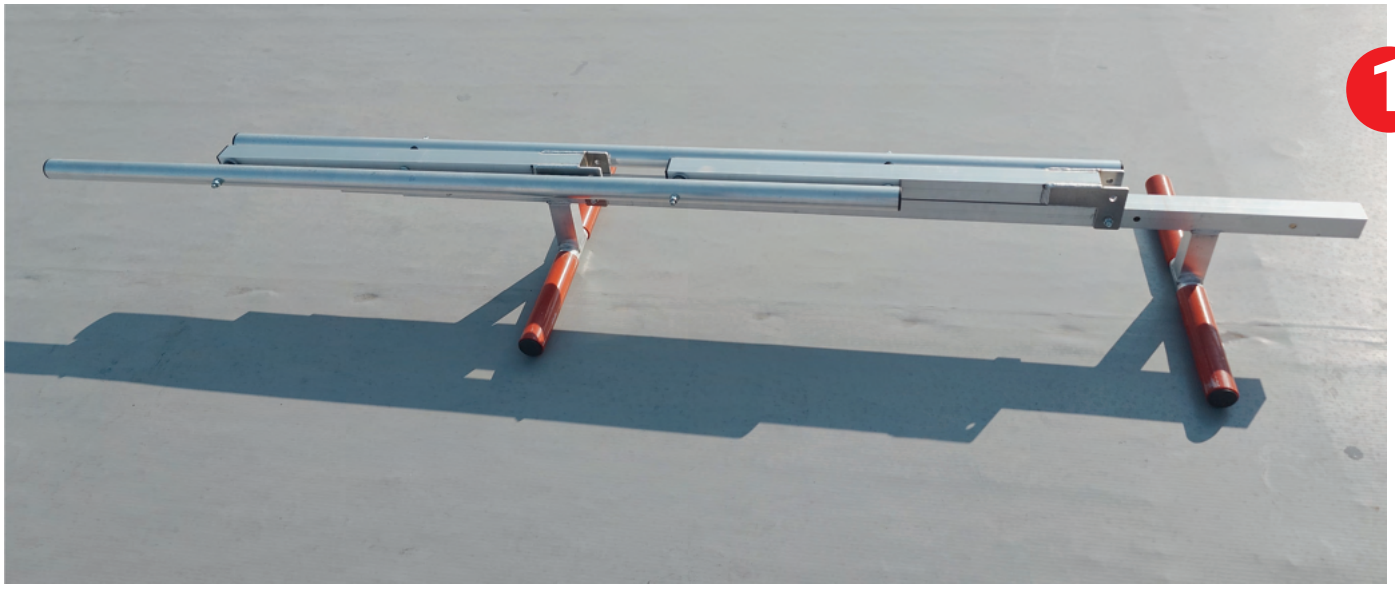
300 - Roof Shelter - Transport Frame (24m)



Important!

The red roof beams must lie completely on the roof.

Step 1 Assembly



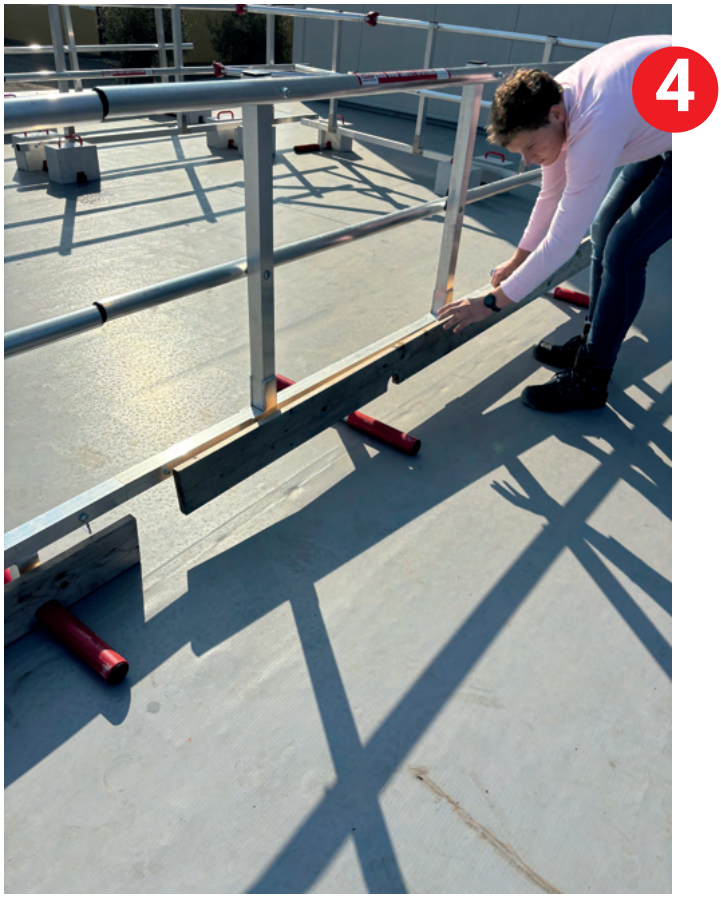


Place the fences on the roof and set them against the roof edge (they should be at least 15 cm high). Pull the fence up and secure the system with the supplied locking pin. See figure 1 & 2.

Step 2 Assembly



The fences can be linked together by sliding the fences together. Secure the fences with the enclosed locking pin.



OPTIONAL: When the height of the roof edge is lower than 15 cm the roaboard must be placed. This toeboard is placed on the red roof beams and secured with the elastic cord. Afterwards a ballast block(s) is placed against it.

Step 3 Assembly

Once the fences are connected (and the roof edge board is in place if necessary), the ballas blocks can be placed. Now place the ballast blocks completely on the red roof beams (see Figure 7). On the first red roof beam of each fence, two ballast blocks should be placed on top of each other (see Figure 5). One concrete block should be placed on the second red roof beam (see Figure 6).







This looks like the following table:

	Roof beam 1	Roof beam 2
Fencing 1	2 ballast blocks	1 ballast block
Fencing 2	1 ballast block	2 ballast blocks
Fencing 3	1 ballast block	2 ballast blocks
The system can be built on endless based on the above manner.		

Stap 4 Dismantle

Dismantle of the Roof Shelter should be done in reverse order.

Revision log

Stand revisie	Datum	Omschrijving
2024-RSHPD-001	04-10-2024	Manual according to EN 13374 +A1 2013

Notes

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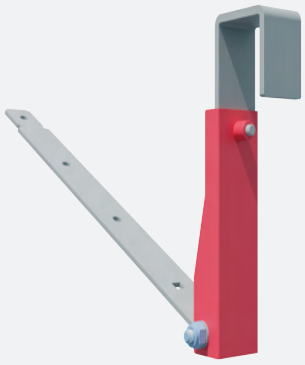
Accessoires RSS Roof Shelter

For more information, see our website.

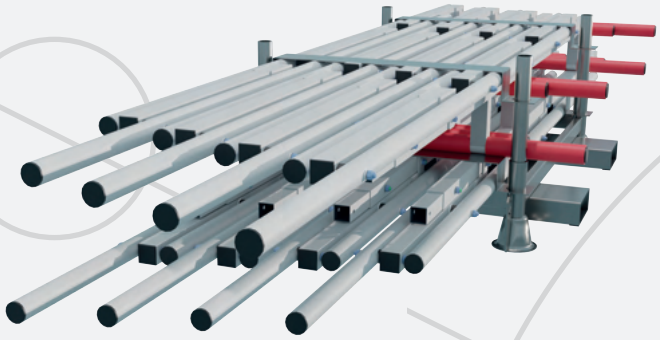
S268 - General connector



304 - Roof Bracket



300 - Roof Shelter Transportframe



RSH001 - Locking pin square



301 - Ridge Hook



ON A MISSION FOR
YOUR SAFETY

One system for multiple types of roofs

According to European directives, you are required to provide a safe workplace such as collective fall protection on sloping and flat roofs. The RSS Roof Shelter is suitable for providing facade of sloping roofs and flat roofs with a safe barrier. The RSS Roof Shelter is a tested and TÜV-certified system according to EN 13374:2013 Class A.



Can also be used as facade protection. See manual “Roof Shelter sloping roof. This can be found on our website.