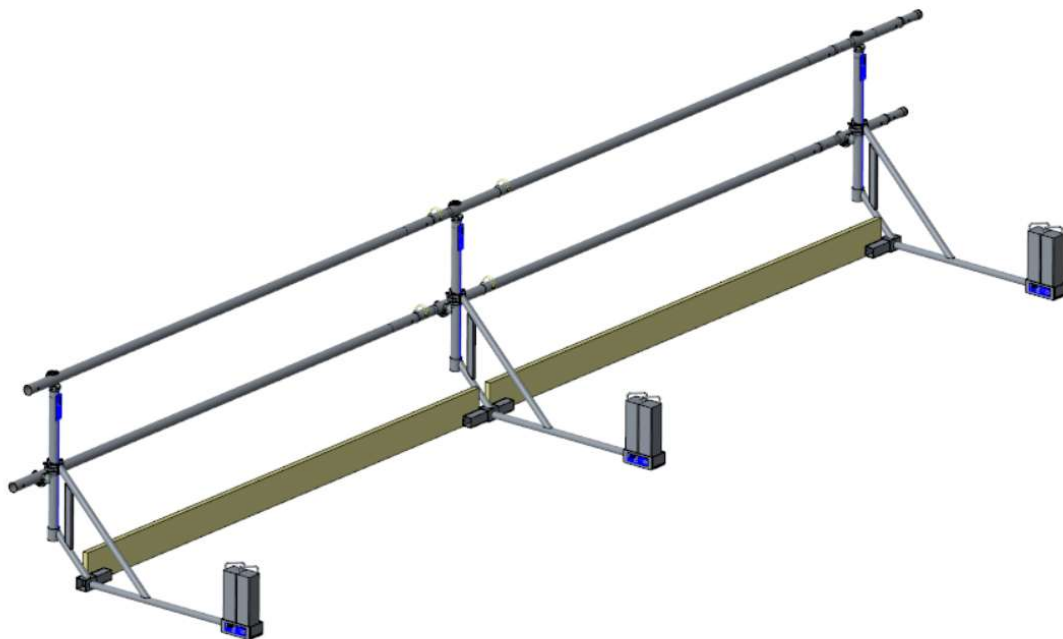


Assembly and user manual

CUSTERS® Roof edge 2000

Aluminium roof edge protection



Standard: NEN-EN 13374
Class: A

9505800001EN

May 2026

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1. Introduction

Provided that it is set up and used in full compliance with these instructions, this system meets the requirements of the Working Conditions Act and the regulations set out in Working Conditions Information Sheet 15.

This manual is intended to provide you with step-by-step instructions on how to set up and use your roof edge protection system easily and safely. Incorrect installation can result in danger to the life of the user and passers-by. Therefore, please read this manual carefully before starting the installation. The installation and removal of the roof edge protection must be carried out by persons with the relevant expertise and using the personal protective equipment prescribed by law.

The user is responsible for ensuring that the manual is available at the place where the roof edge protection is used, as well as with the person supervising the work.

For detailed information on the use of roof edge protection products, see, among other things, Arbo Information Sheet 15.

If you have any questions about this manual, please contact your supplier or the manufacturer.

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Supplier:

2. Specifications

Standard:	NEN-EN 13374
Class:	A
Max. angle of inclination:	10 degrees
Max. wind load:	6 Beaufort

3. Warranty and liability

Custers provides a warranty for material and manufacturing defects up to 12 months after delivery.

The warranty means that we repair the errors at our expense or - at our sole discretion - take back all or part of the delivered goods and replace them with a new delivery.

If we replace products delivered in fulfilment of our warranty obligation, the replaced products become our property. All costs that exceed the obligation described above are for the account of the Client. If products are provided for processing, repair, etc., only a guarantee is given for the soundness of the execution of the commissioned processing.

Our liability does not apply:

- a. If the errors are the result of improper use or of other causes other than unsoundness of material or manufacturing.
- b. If the cause of the errors cannot be clearly demonstrated.
- c. If not all instructions given for the use of the products, including the guidelines as indicated in this manual, have been strictly and completely complied with.
- d. If other than original Custers products are used.
- e. If the buyer or user makes or has carried out modifications and/or repairs to the delivered products on his own initiative and without demonstrable consent by the manufacturer.

4. Control of delivery

Upon receipt, check that the delivered material is complete and undamaged. Contact your dealer immediately if you notice any parts that are damaged or incomplete.

5. Safety instructions

5.1. Pre-build-up check

Check whether the technicians are sufficiently qualified and check whether the place where the roof edge protection is to be placed is safe and suitable.

Please note:

- The roof must be sufficiently load-bearing, flat and rough.
- The roof must have a proper upright eaves.
- The space must be free of obstacles.
- Check whether the wind conditions are such that the roof edge protection can be used.
- Check that all parts are present at the workplace.
- Damaged, wrong or non-original parts may never be used.
- Be aware of potential electrical hazards.
- Make sure that there is no risk of falling even during the installation of the edge protection, for example due to the use of a safety line.

5.2. Personal protection

- Always wear work gloves, safety shoes, and hard hat.

5.3. Setup

The arrangement of the roof edge protection is described in the installation instructions. The roof edge protection may only be installed on flat roofs with a raised roof edge. The roof edge protection may not protrude over the edge of the roof. The railings must always be installed in a horizontal position and secured to the frame uprights by means of the locking lugs in the claws. The handrail tubes must always be secured by locking pins. Each frame must always have 2 steel ballast blocks of 15 kg each in the ends of the horizontal beams. The frames may be no more than 3.0 m apart.

6. Assembly sequence

Make sure that there is no risk of falling even during the installation of the edge protection, for example due to the use of a safety line.

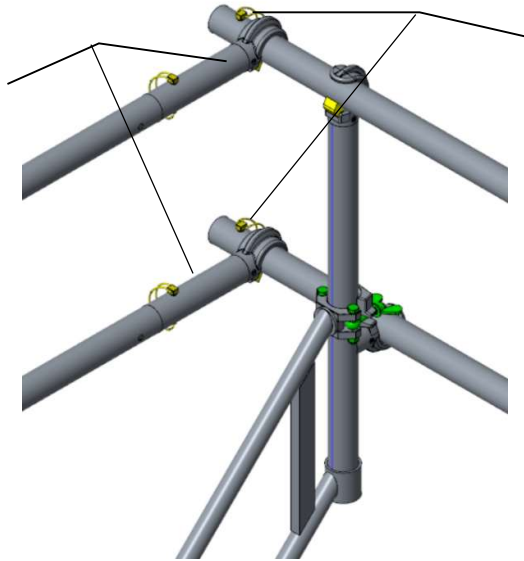
1. Place the frames at a distance of up to 3 m., position the handrail posts in the highest position in the roof beams, with the lower claw always pointing to the outside of the building. Then tighten the clamp firmly.
2. Insert the toe boards between the roof beams, by sliding the tube attached to the toe board into the tube attached to the roof beam. Note: toe boards must be fitted to prevent falling objects; If there is a raised eaves of 15 cm or higher, this may be considered as a toe board.
3. Place the 2 ballast blocks upright in the end of each roof beam.
4. Clamp the handrail tubes at knee and hip height in the claws on the frame uprights. Check whether the claw lock is functioning properly. Always start or end with a handrail connector.
5. Secure the handrail tubes with the locking pins.

The roof girder can be hung separately from the roof surface on the upright to feed material underneath. To do this, first remove the ballast blocks from the roof girder in question. Then loosen the couplings of the roof beam, slide the roof beam up along the frame upright and then tighten the couplings hand tight so that it remains at height. After material has been fed underneath, the roof girder must be returned to its position of use in the same way. The ballast blocks must then also be put back in the correct position.

Do not hang up more than 1 roof girder at a time, while the handrails must remain attached. When the roof girder is suspended, the roof edge protection is not functional and the user must be extra aware of the risk of falling.

Handrail connectors must be used at the corners of the roof:

Place handrail connector
at the end of handrail tube
at the corner



Mounting the locking
pin at the end of the
handrail tube

7. Safe use

Before each use, you should check the following:

- The total composition is correct and complete.
- Changes in circumstances have arisen that may adversely affect the safe use of roof edge protection.

Roof edge protection is only intended to eliminate the risk of falling for persons.

It is forbidden:

- The roof edge protection can be used as a step / advertising tarpaulin frame / reinforcement of other objects / bridging / debris catcher / otherwise.
- the roof edge protection to be used in winds stronger than wind force 6. In the event of an expected wind force greater than 6 Beaufort, the roof edge protection must be removed. (Pay particular attention to openings in buildings / unclad buildings, passages between buildings and corners of buildings where extremely much larger wind forces can occur very locally.)
- standing/sitting on the handrails or stepping over the handrails.
- attach wind-catching objects to the roof edge protection (e.g. advertising tarpaulins or signs).
- exposing the roof edge protection to aggressive substances.
- use the roof edge protection on snow-covered roofs or roofs covered with ice or other slippery substances.

After a person or object falls against or into the roof edge protection, the roof edge protection in question may only be used again after approval by an expert.

8. Dismantling

Dismantling takes place in reverse order of construction. Do not throw the parts or let the parts fall down.

9. Maintenance

All parts, especially the moving parts and the welds, must be checked regularly, but at least once a year, for wear and damage.
Missing and broken parts must be replaced.

Aluminium parts may no longer be used in one or more of the following cases:

- If round tubes have 1 or more dull dents with a depth of more than 3.0 mm.
- If round pipes have 1 or more dents directly next to a welded joint, regardless of dent depth and shape of the dent.
- If square/rectangular tubes have 1 or more dull dents with a depth of more than 2.0 mm.
- If pipes or tubes have 1 or more sharp dents or cracking, regardless of length/depth and location of the dent(s)/crack.

Repair of parts should always be done in consultation with the manufacturer.

10. Guidelines for use, transport and storage

- Roof edge parts must be handled and transported with care to avoid damage.
- Storage must be arranged in such a way that only undamaged parts are available in the correct numbers for the construction of the roof edge.
- All parts must be checked before assembly, proper functioning and free of contamination or damage.
- Damaged parts should not be used and should be replaced or presented to the supplier for inspection/assessment.
- No tools may be used when assembling and disassembling the roof edge.
- A roof edge protection for professional use must be inspected annually by a competent authority / inspector.
- After exposure to extreme forces such as storms, etc., the roof edge, and the structure on which the roof edge is mounted, must be inspected again before it can be used again.

11. Parts List

Sections 11 and 12 indicate which parts are required for the construction of a package of roof edge protection up to the various lengths. The minimum installation length is 6 meters. Make sure that all prescribed parts are present and used. Always make sure that the handrail on both sides of the workplace continues at least 3 meters over the roof.

Regardless of the length of the handrail tubes, the distance between the roof edge frames should never exceed 3.0 meters!

Definition	Article	Application	Kg.
Roof frame	9501.800.941	1 per max. 3m distance	4,9
Ballast block	9501.800.960	2 pieces per roof frame	15
Handrail tube 3m	9501.800.983	at knee and hip height	2,7
Locking pin	9501.410.162	to secure handrail tubes	0,1
Sideboard	9501.800.985	between 2 roof frames	5,6
Handrail connector	9501.800.955	on the corner of the building	0,5
Handrail door	9501.800.975	between 2 roof frames	3,4

12. Composition tables

The following tables indicate which parts are needed to assemble a roof edge protection of a certain length. Make sure these parts are also present.

Composition table Custers Roof edge 2000

Definition	Article	Kg	6m	9m	12m	15m	18m	Etc.
Roof frame	9501.800.941	4,9	3	4	5	6	7	
Ballast block	9501.800.960	15	6	8	10	12	14	
Handrail tube 3m	9501.800.983	2,7	4	6	8	10	12	
Locking pin	9501.410.162	0,1	2	4	6	8	10	
Toe board	9501.800.985	5,6	2	3	4	5	6	



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