Manual

Roof Edge Protection Class A

Conform NEN-EN 13374
Class A

This manual is property of:

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Disclaimer

Disclaimer This documentation has been provided with the utmost care by ASC Group.

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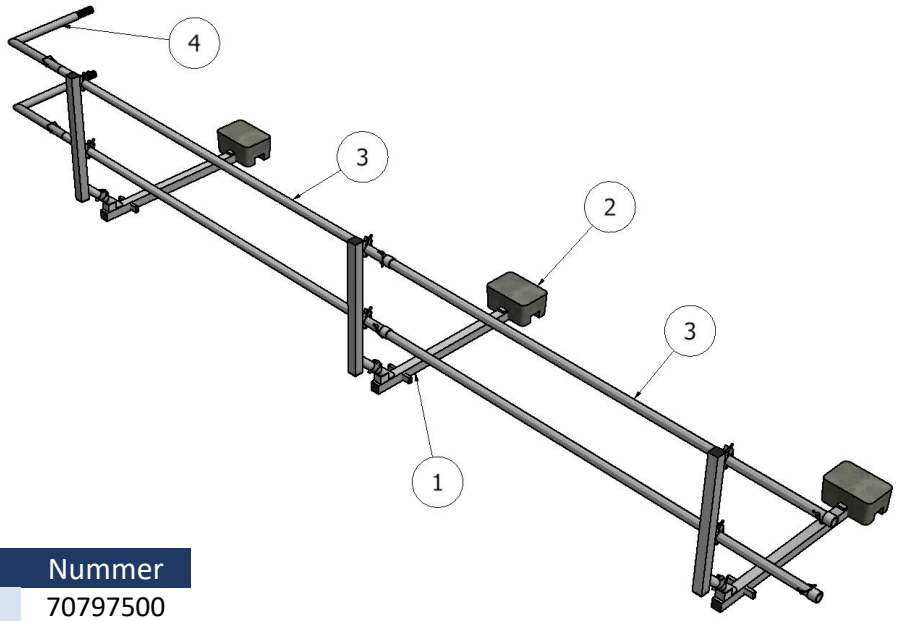
1 Overview

1.1 Application

A roof edge protection is a structure with handrails to prevent accidents at height. ASC Group roof edge protection is not intended to be leaned against, sat on or replace a permanent balustrade. If in doubt, always consult your supplier or the manufacturer; contact information can be found at the front.

1.2 List of components



Nr.	Onderdeel	Nummer
1	Guardrail socket foldable	70797500
2	Ballast block (22,5 kg)	70797800
3	Guardrail p/3 m length	70797723
4	Edge bracket 50x50 cm	70797600

A roof edge protection should be constructed by secured persons.

2 Assembly and use

2.1 Positioning

2.1.1. Sureface

Always install the roof edge protection on a stable and flat roof. Make sure that the protection does not damage the roofing membrane. In addition, the general slope of the foundation may not be steeper than 10 degrees.

2.1.2. Obstacles

Position the roof edge protection in such a way that no danger can arise when working. Make sure that no tripping hazards can arise from obstacles on the roof.

2.1.3. Maximum height

There is no maximum height at which this roof edge must be placed.

2.1.4. Weather conditions

Consult the weather forecast to determine safety in various weather conditions. Consider the following factors and use common sense.

Wind force

At wind force 6 or higher, a roof edge protection device may not be used

Precipitation

Remove snow and ice from the roof and eave protection before working. If necessary, sprinkle sand on the roof to prevent slippage.

Cold

Do not use the roof edge protection at ambient temperatures below freezing.

2.2 Personal protective equipment

Always wear work gloves, safety shoes and safety helmet.

2.3 Assembly

Aluminum roof edge protection devices may only be constructed by competent persons. According to regulations, each person assembling the roof edge protection must be secured with a fall arrest line.

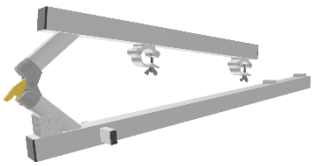
Controleer met behulp van de onderdelenlijst of alle onderdelen die benodigd zijn voor de opbouw, aanwezig en onbeschadigd zijn. Beschadigde onderdelen mogen niet worden gebruikt.

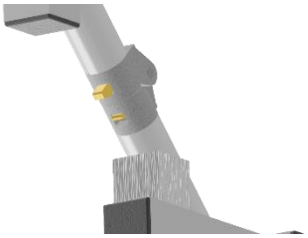
For checking for damage: see chapter 3.

No tools are required when assembling a roof edge protection. Roof edge protection devices are not designed to be lifted or hung as a whole.

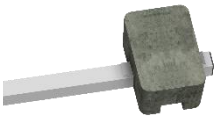
2.4 Assembly instructions

1. Flip the handrail holders open and make sure the latch falls securely into the hole. You can skip this step if you have the non-folding version.

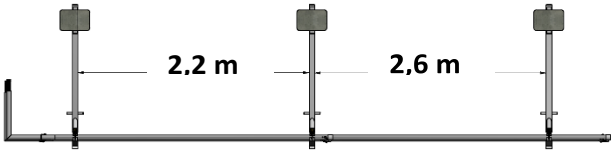




2. Loosen the wing nuts on the couplers on the handrail holders to open the couplers.
3. Place one handrail holder upright, about 1 meter from the corner piece.
4. Place the concrete block at the end of the Handrail Holder, between the two aluminum tubes. Make sure the handrail holder sits in the recess of the concrete block.



5. Now place the next handrail holder in the same way, about 2.2 meters away from the first one.



6. Place a handrail in the recess of the lower couplers, and close these couplers. Allow the handrail holder to protrude about 40 cm.
7. Apply the upper handrail in the same manner. The coupling tubes should be on top of each other.

You can also work from top to bottom with ASC roof edge guards.

8. Place all subsequent handrail holders, approximately 2.6 meters away from the previous one.
9. Slide each handrail over the pin of the previous one. Secure the tubes with a locking clip.
10. Keep building like this until the desired length is reached.

At a corner, place the corner pieces in the same way.

2.5 Use

Before use, check that:

- All parts are still present
- All parts are still properly attached
- All parts are free of large dents and/or cracks
- There are any changes in the environment that may affect safe use
- All locking clips are correctly in place and the couplings are closed
- The net is free of tears and/or fraying.

2.5.0. Safe use

The roof edge protection is not intended for leaning against or sitting on.

Never use an eaves guard near
non-insulated, electrical installations or machinery.

Do not attach a winch, hoist or rope to the roof edge protection.

2.5.1. Edge board

The toe board is incorporated into the net.

2.5.2. Security

After a job, never leave the roof edge unattended.

2.5.3. Relocation

A roof edge protection system is not moveable as a whole. Disassemble the structure in the reverse order of the assembly instruction (see 2.4). Erect the structure at the new location in accordance with the assembly instructions in the regular sequence:

- Move the roof edge protection preferably with two persons.
- Make sure that you are secured against falling at the edge of the roof.
- Make sure that the **roof edge protection cannot touch overhanging cables or other objects**.

2.6 Chemical products

Avoid contact with acids and chemical products. These can cause corrosion to the aluminium, which can affect the strength of the aluminium.

3 Inspection, care and maintenance

Occupational health and safety law states that you must work safely at heights.

3.1 The Health and Safety Law

The Working Conditions Decree is a concrete elaboration of the Safe Working at Height Act. It states that everything above 0 meters is 'working at height' and is therefore a situation with increased risk of injury. This also means that all materials must be properly manufactured and checked in a quality cycle. ASC Group tests all materials and performs strength calculations. The user must also have the material inspected annually for defects. In addition, an RI&E must be conducted for each project. It should determine whether this form of roof edge protection is suitable for the intended use.

3.2 Annual control

Make sure all your roof edge protection devices are inspected annually by an approved inspector. ASC Group can perform this inspection for you.

3.3 Self-inspection

You can also inspect your ASC roof edge protection devices yourself. Before each use, you should at least check the parts for damage (see section 2.5). We definitely recommend larger companies to do a monthly inspection of all components and to record this inspection. If you are in doubt about any damage, consult an authorized inspector.

3.4 Damages

Examples of the most common damages in aluminum roof edge protection:

- Loose parts: if a welded part is loose, the protection is rejected.
- Dents and/or holes: if there is a large dent in the aluminum or even a crack or hole in it, the protection is rejected.
- Contamination: If there is too much concrete, paint or other non-removable contamination on the parts, the security is rejected. You can no longer judge whether the parts are still in one piece.

3.5 What to do in the event of damage

If you find any damage and you feel it is not repairable, you should discard the part and replace it. If a repair is possible, contact ASC Group for further information.

3.6 Repair

Repairing a component must be carried out by a certified body or person.

3.7 Transport

- Always transport parts in accordance with legislation.
- Stack the parts correctly when transporting; never put heavier parts on top of the stack.
- Never place (sharp) objects in the net and do not use the net as a lashing strap to secure other materials.
- Preferably transport parts standing up by securing them to the wall.
- Handle the material with care. Do not drop parts on a hard surface; this may reduce the quality of the material.

3.8 Maintenance

- Make sure the material is clean, especially the connecting pins. The tubes should go in and out of each other easily.
- Replace missing and broken parts in a timely manner.

3.9 Storage

Store components of the scaffolding preferably in a dry, clean, dark and frost-free place.