CUSTERS® ROOF EDGE PROTECTION 2000

The aluminium roof edge protection system

CUSTERS® ROOF EDGE PROTECTION 2000
Fulfils all the user's wishes
Simple – fast – compact – lightweight – robust – constructed without the use of tools – surprisingly inexpensive

Advantages
- Minimum investment: a single universal system for all situations.
- Damage-free: click-connections for guardrails. Therefore, no plastic knobs.
- Anti-rust, steel cantilever weight. Therefore, no breakable concrete blocks.
- Only two specific roof edge articles: the all-in barrier frame and the universal guardrail tube.
- The frame hangs 20 cm above the ground thanks to ingenious suspension mechanism.
- Entire construction erected <u>without</u> the use of tools. Therefore, very fast to erect!
- No need for problematic guide rolls along (glass) façades.

Standards
This system meets the requirements of NEN 2770, AI-15 and the Dutch Occupational Health and Safety Act.
These regulations state that:
- Fall protection must be used for a drop height of 2½ metres or more.
- The minimum length of a roof edge protection system must be at least 12 metres.
- Guardrails at 0.5 metres and 1 metre above the roof edge must be fitted with a space of less than 47 cm between the guardrails.

Construction and use

1. Place the frames no more than 3 metres apart. Place the guardrail supports in the highest position in the roof joists with the bottom claw pointing towards the outside of the building. Tighten the connection.

2. Place the two cantilever weights in an upright position in the end of the roof joist (see diagram).

3. Clamp the guardrail tubes at knee and hip height in the claws on the frame supports.

4. Lock the guardrail tubes together using the guardrail securing pins. In the corners of the roof, click the guardrail tubes which are too long into the guardrail connector at the corners of the roof. This guardrail connector is slid onto the guardrail tube and secured in position.

5. The roof joist can be taken off of the roof surface and hung on the support so that material can be passed underneath. To do so, unscrew the connections of the roof joist, slide the roof joist upwards along the frame support, rotate the roof joist a quarter of a turn and tighten the connection by hand. Next, place the roof joist back in the position for use.

Sizes and weights

- Maximum distance between frames: 3 m
- Roof joist length (part of the frame): only 1.06 m
- Free space between the barrier frame and the roof surface in the suspended position: 20 cm
- Heaviest component (cantilever weight): only 15 kg.

Construction

		SYSTEM LENGTH:				
Description	Article number	12 m	15 m	18 m	21 m.	etc.
Barrier frame	9501.800.941	5	6	7	8	9
Steel cantilever weight (15 kg)	9501.800.960	10	12	14	16	18
Guardrail tube	9501.800.983	8	10	12	14	16
Guardrail securing pin	9501.410.160/2	6	8	10	12	14

Components

Description	Article number	Use	Consists of:
Barrier frame	9501.800.941	Min. 1 per 3 m	Guardrail support and roof joist
Cantilever weight	9501.800.960	2 per barrier frame	
Guardrail tube (3 m)	9501.800.983	At knee and hip height	
Guardrail securing pin	9501.410.160/2	To secure guardrail tubes in position	
Guardrail connector	9501.800.955	On the corners of the building	

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