

# (1) CERTIFICATE

- (2) No. of the Certificate: **ZP/B140/24-PZ**
- (3) Product: **Edge-protection system class A  
Type: Fallnet® ASG**
- (4) Manufacturer: **ZinCo GmbH**
- (5) Address: **Lise-Meitner-Str. 2, 72622 Nürtingen**
- (6) The design of this product and any acceptable variation thereto are specified in the appendix to this certificate.
- (7) The Certification Body of DEKRA Testing and Certification GmbH certifies that this product complies with the requirements of the test regulations listed under item 8 below. The test results are recorded in report PB 24-161.
- (8) The requirements are assured by compliance with  
**DIN EN 13374:2019**
- (9) This certificate relates only to the design and tests of the specified product in accordance to the contemplated requirements. Further requirements applied to the manufacturing process and supply of this product, are not covered by this certificate.
- (10) The manufacturer is authorised to apply the mark of conformity to the products that conform to the types examined.
- (11) This certificate is valid until 2029-11-13

DEKRA Testing and Certification GmbH  
Bochum, 2024-11-14

Signed: Brumm  
Managing director



We confirm the correctness of the translation from the German original.  
In the case of arbitration only the German wording shall be valid and binding.

Managing director

## TRANSLATION

- (12) Appendix to
- (13) **Certificate**  
**ZP/B140/24-PZ**
- (14) 14.1 Subject and type  
Edge-protection system class A  
Type: Fallnet® ASG

### 14.2 Description

The edge-protection system of type Fallnet® ASG (Fig. 1) is used for the temporary protection of people against falls from a height.



Fig. 1: Edge-protection system, type Fallnet® ASG

The edge-protection system is intended for assembly on even surfaces of sufficient strengths. It consists of posts, guardrails and toe boards all made of aluminium. The height of the posts of the edge-protection system can be adjusted and erected at angles of 67.5° or 90° to the roof surface. The dimensions of the system are provided in Table 1.

**Table 1: Overview of dimensions of the edge-protection systems**

Type	Fallnet® ASG
<b>Diameter guardrail and intermediate rail</b>	Ø48 mm, t: 2 mm
<b>Cross section post and cantilever</b>	61.0 x 25.0 mm
<b>Cross section toe board</b>	140.0 x 12.0 mm
<b>Height guardrail</b>	1176-1216 mm (90°), 1080-1120 mm (67.5°)
<b>Max. distance guardrail and intermediate rail</b>	462 mm
<b>Max. distance intermediate rail – toe board and intermediate rail – parapet</b>	470 mm
<b>Cantilever length</b>	1520 mm

## TRANSLATION

The edge-protection system of type Fallnet® ASG can be used on flat roofs that feature a parapet. If the parapet is less than 150 mm high, a toe board is installed with the system.

The maximum distance between two posts is 2600 mm.

The systems can be extended by connecting the rails: one rail is inserted into another and connected via a self-cutting screw. At the corners of the system, specially shaped joints are used to fix the rails (Fig. 2).

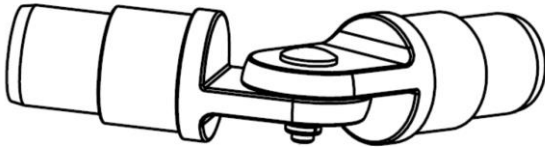


Fig. 2: Corner connection for rails

At the cantilevers of the edge-protection system there are permanently bolted sandwich boards made of plastic. On each plate, a suitable drainage element and a filter fleece are placed before the bulk good with a surface load of 80 kg/m<sup>2</sup> (dry) is spread on the roof (Fig. 3). The bulk good is needed for ballasting the system. When assembling the edge-protection system, measures are taken to prevent the bulk good from sliding or moving.

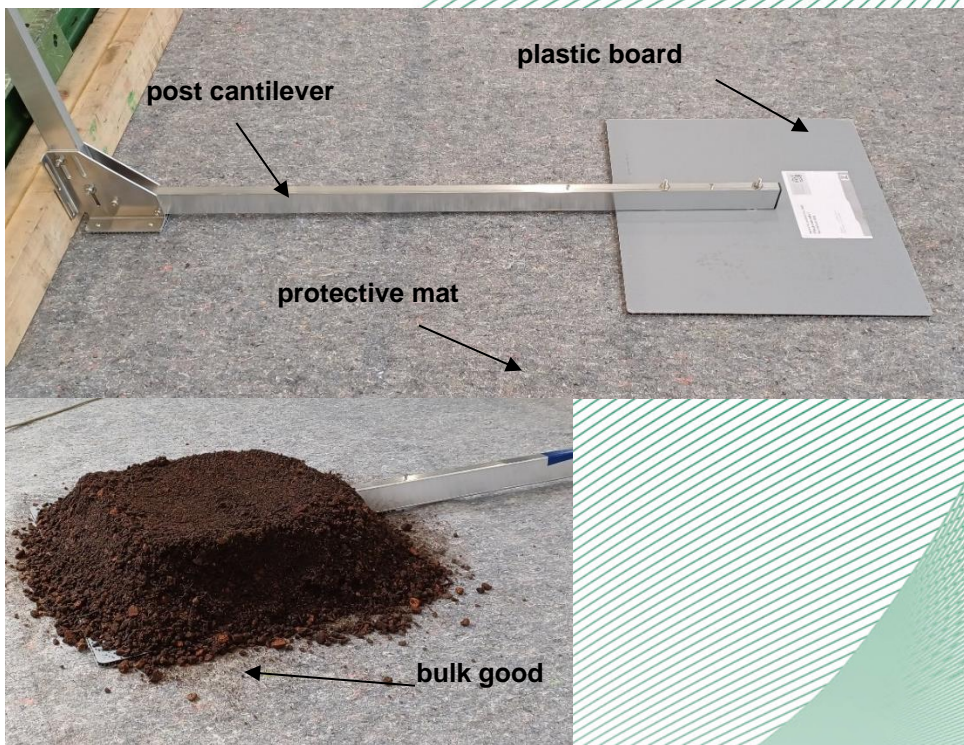


Fig. 3-4: Ballasting the posts

(15) Report

PB 24-161, 2024-11-14