

(1) CERTIFICATE

(2) No. of the Certificate: **ZP/B091/22-PZ**

(3) Product: **Edge-protection system
Type: ABS Guard onTop Fusion**

(4) Manufacturer: **ABS Safety GmbH**

(5) Address: **Gewerbering 3
47623 Kevelaer**

(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 comply with the requirements of the test regulations listed under item 8 below. The test results are recorded in report PB PB 22-089.

(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 2027-05-29.

DEKRA Testing and Certification GmbH
Bochum, 2022-05-30



Signed: Kilisch
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/B091/22-PZ
- (14) 14.1 Subject and type
Edge-protection system
type: ABS Guard onTop Fusion

14.2 Description

The edge-protection system of type: ABS Guard onTop Fusion (Fig. 1) is used for the collective protection of people against falls from a height. It is mounted on plane surfaces.

The edge protection system is fastened to the structure by means of adhesive where the base plate is permanently connected to the substructure using appropriate bitumen strips or PVC foil.

The post (Fig. 2) is made of a rounded aluminium profile (30 mm x 50 mm x 2 mm) and variable in height due to long slots in the connecting angle. A protective positioning cap (Fig. 3) is inserted into the top end of the post. The guardrail and the intermediate rail (Fig. 4) are made of aluminium pipes (\varnothing 40 mm). Two ends of rail sections each are joined by means of a rail connector (Fig. 5-6).

To realise corner structures, a bent aluminium profile as shown in Fig. 7 can be used. As an alternative, an aluminium joint (Fig. 8) can be used, too. This joint helps level differences in height on the structure surface.

The edge-protection system or rather the guardrails and intermediate rails are closed off by a rail connector (Fig. 9). As an alternative, the flange intended to close off the system and shown in Fig. 10 can be used, too.

The guardrail is 1217 mm high, and the distance between the guardrail and the intermediate rail is 465 mm. The clear opening between the structure surface and the intermediate rail is 658 mm. The mounting of a toe board might not be necessary if a parapet is in place which is at least 150 mm high. A mounting of the toe board (Fig. 11) may not be necessary provided a parapet of a minimum height of 150 mm is in place.

If the rails have overhanging ends of more than 400 mm, then the flange must be used to fasten it to the structure (Fig. 10).

For inside fields and fields fastened to the wall, the maximum field size is 2.5 m; for outside fields, the maximum field size is 1.5 m. Fig. 12 shows the components mentioned compiled as assembly variant ABS Dome onTop Fusion. Here, the maximum field size is 2.5 m.

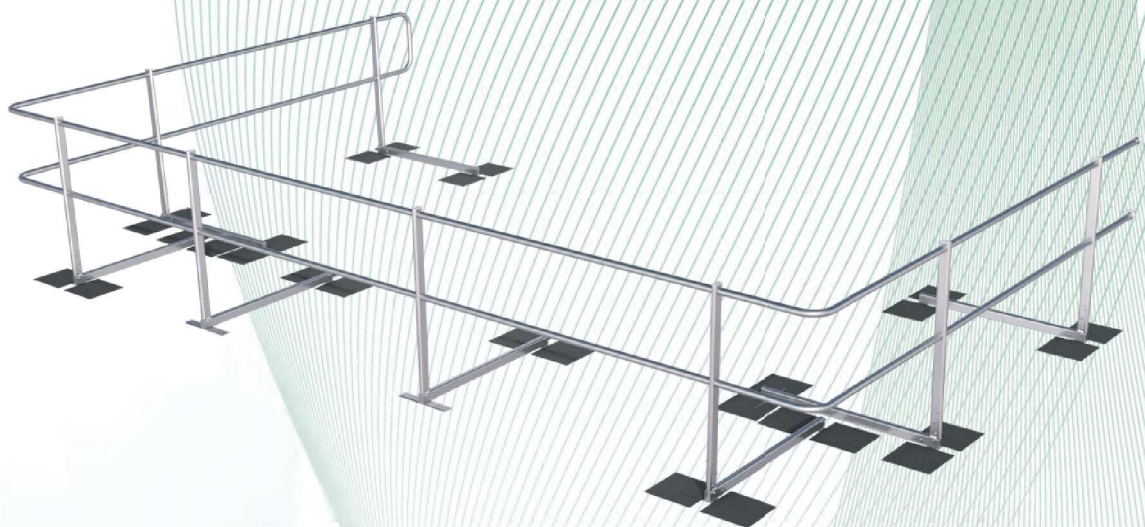


Fig. 1: edge-protection system, type: ABS Guard onTop Fusion (assembly example)

TRANSLATION



Fig. 2: post with cantilever and long slots in connecting angle

Fig. 3: protective cap

Fig. 4: rail



Fig. 6: rail connector II

Fig. 5: rail connector

Fig. 7: curve



Fig. 8: joint

Fig. 9: rail connector



Fig. 10: rail with flange for wall mounting



Fig. 11: toe board



Fig. 12: Installation variant of the side protection system, type: Dome onTop Fusion

(15) Report

PB 22-089 dd. 2022-05-12