

(1) CERTIFICATE

- (2) No. of the Certificate: **ZP/B189/18-PZ** replaces ZP/B210/17-PZ
- (3) Product: **Edge protection system
Type: ABS Guard onTop SW**
- (4) Manufacturer: **ABS Safety GmbH**
- (5) Address: **Gewerbering 3, 47623 Kevelaer, Germany**
- (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 EXAM GmbH certifies that this product comply with the requirements of the test regulations listed under item 8 below. The test results are recorded in test report PB 18-105.
- (8) The requirements are assured by compliance with
DIN EN 13374:2013 Class A
- (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 2023-08-19.

DEKRA EXAM GmbH
Bochum, 2018-08-20

Signed: Wiegand
Certification Body

Signed: Mühlenbruch
Special services unit



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.


Certification body


Special services unit

TRANSLATION

- (12) Appendix to
- (13) **Certificate**
ZP/B189/18-PZ
- (14) 14.1 Subject and type
Edge protection system
Type: ABS Guard onTop SW

14.2 Description

The edge protection system of type ABS Guard onTop SW (Fig. 1) is used to collectively protect people against falls from a height. It is mounted on flat surfaces.

The edge protection system is fastened by riveting the base plate of the foot to the structure. Sandwich elements with sufficient strength are possible as installation substrates.

The post (Fig. 2) is made of a rounded aluminium profile (30 mm x 50 mm x 2 mm). Into the upper end of the post, a protection and positioning cap (Fig. 3) is inserted. The guard rail and the intermediate rail (Fig. 4) are made of aluminium tubes (\varnothing 40 mm, t = 2.0 mm). Two ends of rail sections are joined using a butt connector (Fig. 5).

In order to realise a corner structure, a bent aluminium profile is possible as shown in Fig. 6. As an alternative, an aluminium joint (Fig. 7) can be used, too. This joint is also used to level height differences on the structure surface.

The edge protection system and the rail and intermediate rails are closed by means of the connector (Fig. 5). As an alternative, the flange shown in Fig. 9 is intended for closing off the system.

The guard rail is 1157 mm high, and the distance between the guard rail and the intermediate rail is 465 mm. The clear distance from the structure surface to the intermediate rail is 596 mm. It is not necessary to mount a toe board provided a verge of at least 150 mm height is in place.

If the rails have protruding ends of more than 400 mm, then the flange (Fig. 9) is to be used to fasten the rail to the structure.

The maximum field size of fields lying inside and of fields with wall fastening is 2.5 m. Fields lying outside are of a maximum field size of 1.5 m. The side protection system can also be combined with the closed installation variant, type: ABS Dome onTop SW. Here, the maximum field size is 2.5 m.



Fig 1: edge protection system, type: ABS Guard onTop SW (example of assembly)

