

# (1) Type Examination Certificate

(2) On the award of the GS mark in accordance with the provisions of the Act on making products available on the market (Product Safety Act – ProdSG)

(3) No. of Type Examination Certificate: **ZP/B218/17-GS**

(4) Product: **Edge protection system class A**  
**Type: Albert – flat roof railing system**

(5) Manufacturer: **Albert Gerüst- und Gerätetechnik GmbH**

(6) Address: **Ferdinand-Porsche-Str.29, 60386 Frankfurt, Germany**

(7) The design and construction as well as the description of this product are specified in the schedule to this type examination certificate.

(8) The examined type specimen satisfies the requirements of Article 21(1) ProdSG. The holder of the certificate has taken appropriate measures to ensure the conformity of the manufactured products with the examined type. The holder of the certificate has submitted himself to have the lawful use of the GS mark and the monitoring of the manufacturing process inspected at regular intervals by the authorised body (§ 21(5) ProdSG and § 22(1) ProdSG). The results of this inspection are recorded in the test and assessment report PB 17-242.

(9) The requirements of the ProdSG are assured by compliance with:

**DIN EN 13374:2013**

(10) The owner of the certificate is entitled to apply a permanent label bearing the GS mark on those products that comply with the examined types.



(11) The GS mark shall be withdrawn if the conditions stipulated in § 21(1) ProdSG change or if the requirements stipulated in § 21(5) ProdSG and § 22(1) ProdSG are not complied with.

(12) This Type Examination Certificate is valid until 2022-09-28.

DEKRA EXAM GmbH  
Bochum, 2017-09-29

signed: Wiegand  
Certification body

signed: Mühlenbruch  
Special services unit

Bochum, 2020-03-04  
DEKRA Testing and Certification GmbH

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.

  
Management director



## TRANSLATION

- (13) Appendix to
- (14) **Type Examination Certificate**  
**ZP/B218/17-GS**
- (15) 15.1 Subject and Type  
Edge protection system class A,  
Type: Albert – flat roof railing system

### 15.2 Description

The edge protection system, type Albert – flat roof railing system (Fig. 1) is used temporarily to protect people against falls from a height.

The edge protection system is intended for mounting on plane surfaces with sufficient strength. It consists of aluminum posts and rails plus toe boards of class S10 with minimum dimensions of 150 x 30 mm. The post is 1066 mm high and made of aluminum tube (Ø48.3 x 4).

The 2m long cantilever is connected to the post by means of a joint. At the end of the cantilever there is a rod on which plastic weights of 22.5 kg each can be placed. To the bottom of the weights anti-slip mats are fixed. On flat roofs without attica, the cantilevers are loaded with a minimum of 5 weights each and toe boards have to be mounted to the system. If an attica of at least 150 mm height exists, the assembly of the toe boards is not necessary and only 2 weights per cantilever have to be used.

At all guardrail posts of the system, additional limit posts (h = 780 mm) are mounted through couplers; at the bottom end of the limit stop posts, one hook, to which the toe boards can be connected, is installed. On the bottom of the weights anti-slip mats are fixed.

To facilitate works on the flat roof, the centre post cantilever can be folded up between two fields. Then, the weights are distributed to the external post cantilevers.

If an attica of at least 150 mm height exists, the external cantilevers will be loaded with 3 weights each. If no appropriate attica is in place, then 7 weights will be used for each external cantilever. In both cases, the system must be reinforced by mounting a stiffening frame to the rail. Corner posts shall only be folded up if the edge protection system can support itself at a surrounding attica of at least 150 mm height.

The maximum distance between two posts is 3012 mm.



Fig. 1: Edge protection system, type: flat roof railing system

- (16) Test report  
PB 17-242, 2017-09-29