

(1) Type Examination Certificate


- (2) No. of the Type Examination Certificate: **ZP/C011/22** replaces ZP/C011/21
- (3) Product: **Railing for stationary access to machinery**
Type: **Barrier**
- (4) Manufacturer: **INNOTECH Arbeitsschutz GmbH**
- (5) Address: **Laizing 10, 4656 Kirchham, Austria**
- (6) The design of this product and any acceptable variation thereto are specified in the schedule to this Type Examination Certificate.
- (7) The certification body of DEKRA Testing and Certification GmbH certifies that this product complies with the fundamental requirements of the standard listed under item 8 below. The examination and test results are set out in the report PB 22-136.
- (8) The requirements of the standard are assured by compliance with
DIN EN ISO 14122-3:2016
- (9) This Type Examination Certificate relates only to the design, examination and tests of the specified product in accordance to the standard list. Further requirements of the Directive apply to the manufacturing process and supply of this personal protective equipment. These are not covered by this certificate.
- (10) This Type Test Certificate is valid until 2026-04-07.

DEKRA Testing and Certification GmbH
Bochum, 2022-07-25

signed: Krökel

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

- (11) Appendix to
- (12) **Type Examination Certificate**
ZP/C011/22
- (13) 13.1 Subject and Type
Railing for stationary access to machinery
Type: Barrier

13.2 Description

The class A edge protection system of type Barrier is used for the collective and temporary protection of people against fall from a height; it is available in three variants, i.e. as class A edge protection system of types Barrier BARRIER VARIO, type: BARRIER ATTIKA or type: BARRIER FLEECE.

The edge protection system made of aluminium profiles is designed for mounting on level surfaces with a maximum inclination of 10° and, permanently mounted, on metal roofs made of trapezoidal profiles.

The posts consist of a rectangular profile. On the one hand, the posts can consist of a straight or 75° bent profile and, on the other hand, they can be folded by means of an articulated bearing on the foot mounting (90° and 75°). The posts can be between 1100 mm and 1261 mm high. A variant of the post can be provided with a cast hinge part or milled hinge part.

The guardrails and intermediate rails are made from an extruded aluminium profile of Ø 36 mm and a length of up to 3.0 m. Suitable linear connectors are inserted into the end of the rails to allow for two rail segments to be connected. The connectors consist of two semi-circular aluminium profiles which are additionally reinforced by an enclosed aluminium ring. One profile is equipped with a threaded bore, and the other profile half is equipped with a blind hole. The profile halves are screwed together and thus connect the rail sections by means of clamps.

The posts are equipped with pipe clamps which clamp the rails. The distance between the guardrail and the intermediate rail is 470 mm; the maximum distance between the posts is 2.5 m. The maximum post spacing as an escape route on flat and pitched roofs according to DIN EN 14094-2:2017 is 1.7 m. For guardrails for fixed access to machinery according to DIN EN ISO 14122-3:2016, the maximum post spacing is 1.8 m.

In order to enable the edge protection system to change direction at the corners of the building, the rails are equipped with suitable corner connectors. These corner connectors also consist of two semi-circular aluminium profiles which are additionally reinforced by an enclosed aluminium ring. At the lower ends of the posts, a toe board can be fastened using appropriate brackets.

Additionally, the class A edge protection system is also available with an open corner variant.

In order to fix and secure the edge protection system against sliding or tilting, counterweights are screwed to the foot units of the edge protection system. Those are made from concrete-filled plastic containers and each has a mass of 12.5 kg. Alternatively, the edge protection system, type: BARRIER FLEECE can be used with load-carrying substrate. This structure is intended for use on green roofs. The load must be at least 70 kg / m² and must be applied at least 100 mm high.

Alternatively, the edge protection can also be equipped with a door element which is positioned between two posts and can be opened and closed by means of hinges. The passage width is approx. 800 mm.

TRANSLATION

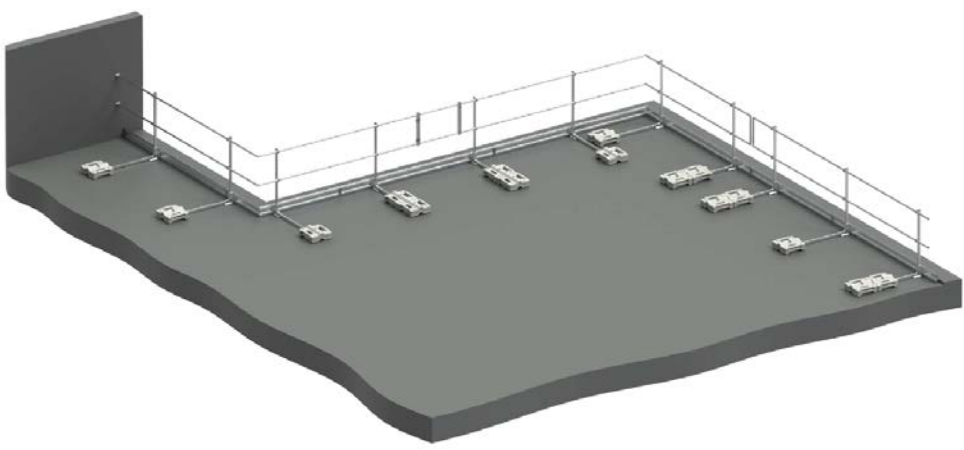


Fig. 1: Edge protection system, type BARRIER VARIO

(14) Report

PB 22-136, 2022-07-25