

(1) CERTIFICATE

- (2) No. of the Certificate: **ZP/B103/18-PZ** replaces ZP/B193/16
- (3) Product: **Anchor devices type C**
Types: ABS-Lock® SYS I and ABS-Lock® SYS II
- (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 reports PB 16-178 and PB 18-086.
- (8) The requirements are assured by compliance with
DIN EN 795:2012 **DIN CEN/TS 16415:2013**
- (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 authorized to apply the mark of conformity to the products that conform to the types examined.
- (11) This certificate is valid until 2021-11-27.




DEKRA EXAM GmbH
Bochum, 2018-08-16

Signed: Wiegand
Certification Body

Signed: Stickdorn
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.


Stefan Wiegand
Certification body


Nicolai Stickdorn
Special services unit



TRANSLATION

- (12) Appendix to
- (13) **Certificate**
ZP/B103/18-PZ
- (14) **14.1 Subject and type**
Anchor devices type C
Types: ABS-Lock[®] SYS I and ABS-Lock[®] SYS II

14.2 Description

The anchor devices of types ABS-Lock[®] SYS I and ABS-Lock[®] SYS II are used for the protection of people against falls from a height (Fig.1 - 2).

A wire rope of Ø 8 mm (variant 7 x 7) of corrosion-resistant steel is used as the anchor line. Regarding the variant ABS-Lock[®] SYS, overriding the wire rope system is not possible. The user protects himself against falls from a height by connecting his personal protective equipment to a horizontally movable connector – compliant with EN 362 – located on the anchor line.

Regarding the variant ABS-Lock[®] SYS II the wire rope system can be overridden. The user protects himself against falls from a height by connecting his personal protective equipment to the movable anchor point (Fig. 3 – 6). Three variants of mobile anchor points are possible, i.e. types ABS UniGlide (Fig. 3), ABS ProSlide (Fig. 4) and ABS SkyRoll (Fig. 5) and ABS UniGlide PRO (Fig. 6).

Those anchor points can be removed from or placed on the anchor line by two hand moves to be done independently from each other. The mobile anchor points, type: ABS SkyRoll and ABS UniGlide PRO are specially designed for overhead application. The anchor line is equipped at both ends with either a press-type or screw-type rope termination (Fig. 7 - 8). The wire rope system is fastened to the structure either directly by means of the ring screw of type ABS-Lock[®] EYE (Fig. 9) or by the anchor line components (Fig. 10 - 12). The ring screw is only used as an intermediate structural anchor or end anchor.

At least at one end of the anchor line, a force limiter (Fig. 13) is used. The other end is provided with a rope tensioning device (Fig. 14 - 15). The maximum between two anchors (end and intermediate structural anchor or two end anchors) is 10 m. The permitted number of users is up to four people and depends on the surface onto which the system is mounted.

The wire rope system may also be mounted to respective anchor devices of type A made by ABS Safety GmbH. If that variation of mounting is chosen, then the anchor line components mentioned or the ring eyelet, respectively, will be securely screw-fastened onto the upper end of the respective anchor device. The anchor device is made of corrosion-resistant material. The wire rope system may also be mounted to respective anchor devices of type A made by ABS Safety GmbH. If that variation of mounting is chosen, then the anchor line components mentioned or the ring eyelet, respectively, will be securely screw-fastened onto the upper end of the force-absorbing support of the anchor device.

If a system of force-absorbing supports (Fig. 2) is used, a separate force limiter is not necessary.

The supports of end anchors and corner anchors are provided with a supporting tube (Fig. 2).

The anchor device is made of corrosion-resistant material.

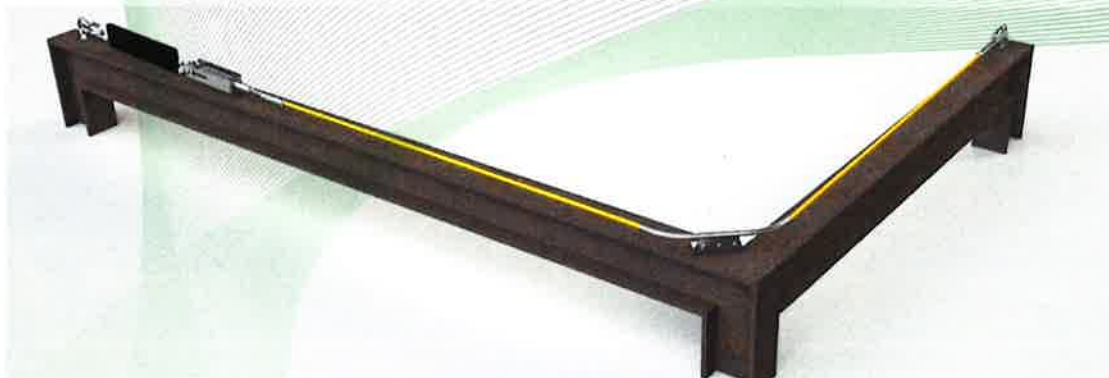


Fig. 1: Anchor device, type: ABS-Lock[®] SYS, example of mounting directly to a surface

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Fig. 2: Anchor device, type: ABS-Lock® SYS, example of mounting to an anchor device of type A with supporting tube, made by ABS Safety GmbH

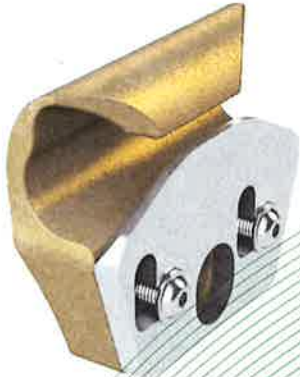


Fig. 3: Mobile anchor point, type: ABS UniGlide



Fig. 4: Mobile anchor point, type: ABS ProSlide



Fig. 5: Mobile anchor point, type: ABS SkyRoll

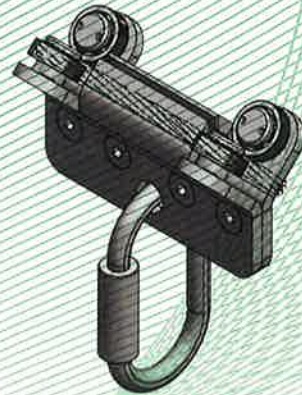


Fig. 6: Mobile anchor point, type: ABS UniGlide PRO



Fig. 7: Pressed rope termination (fork)



Fig. 8: Screwed rope termination

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Fig. 9: Ring screw



Fig. 10: Intermediate bracket



Fig. 11: Flexible bend

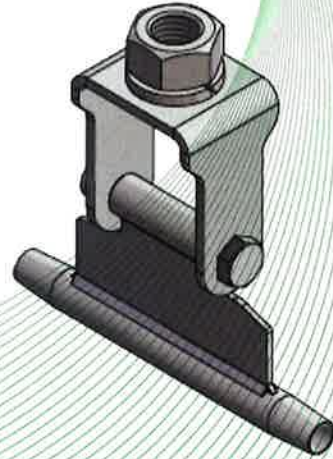


Fig. 12: Overhead intermediate bracket



Fig. 13: Force limiter

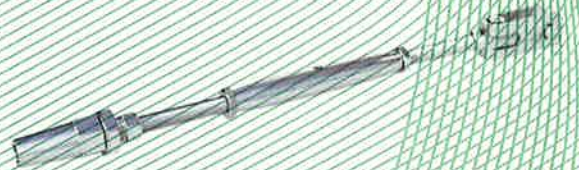


Fig. 14: Rope tensioning device



Fig. 15: Rope tensioning element with rope force indicator, type: CompactForce

(15) Test Report

PB 16-178 dd. 2016-11-28 and PB 18-086 dd. 2018-08-16