

# (1) CERTIFICATE

- (2) No. of the Certificate: **ZP/B176/21-PZ R1** replaces ZP/B176/21-PZ
- (3) Product: **Anchor device type C and type E**  
**Type: ABS-Lock® SYS-K2**
- (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 Testing and Certification GmbH certifies that this product complies with the requirements of the test regulations listed under item 8 below. The test results are recorded in report PB 21-105.
- (8) The requirements are assured by compliance with  
**DIN EN 795:2012** **DIN CEN/TS 16415:2017**
- (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 2026-11-14.



DEKRA Testing and Certification GmbH  
Bochum, 2023-03-31

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.

A handwritten signature in blue ink, appearing to read 'Krökel', is written over a horizontal line.

Managing director

## TRANSLATION

- (12) Appendix to
- (13) **Certificate**  
**ZP/B176/21-PZ R1**
- (14) 14.1 Subject and type  
Anchor device type C and type E  
Type: ABS-Lock® SYS-K2

### 14.2 Description

#### Wire rope system

The anchor device of type ABS-Lock® SYS-K2 used for the protection of two people against falls from a height (Fig. 1).

A wire rope of Ø 6 mm (variant 7 x 7) of corrosion-resistant steel is used as the anchor line. The user protects himself against falls from a height by connecting his personal protective equipment either to a horizontally movable connector – compliant with EN 362 – located on the anchor line or to a mobile anchor point of one of these types: ABS ProSlide, ABS SkyRoll or ABS QuattroRoll (Fig. 2 - 4). These anchor points can be removed from or placed on the anchor line by two hand moves to be done independently from each other. Fig. 5 - 8 show the end anchors possible for use.

At both ends of the anchor line, a force limiter (Fig. 9) is used. The maximum distance between two anchors (end and intermediate structural anchor or two end anchors) is 6 m. Along the running length of the anchor line, the components shown in Fig. 10 and Fig. 11 are used as anchor line components and for realising solutions to manage curves. The anchor device is made of corrosion-resistant steel.

#### Assembly and structure

The wire rope system is mounted to the aluminium profile structure for solar fields of model K2 by means of chain locks of type ABS-Lock® X Solar (Fig. 12) which are connected to the single anchor point. To achieve that, the anchor device is screw-fastened to the aluminium rail by means of a counter plate (t = 5 mm). The screws used for connecting the base plate and the counter plate are two M8 hexagonal screws. Aluminium profiles of types SpeedRail (Fig. 13) provide the base of this.

#### System size and ballast weight

The system weight including the ballast weights is at least 760 kg for an assembly of at least nine solar panels.

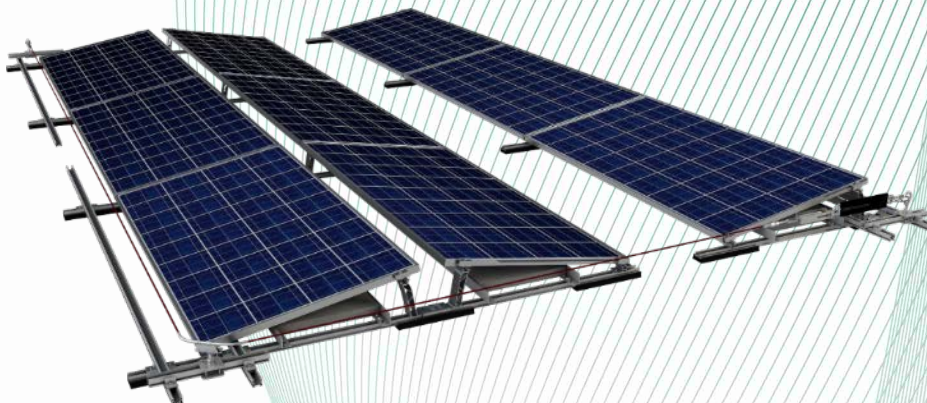


Fig. 1: Anchor device, type ABS-Lock® SYS-K2 (assembly example), consisting of the solar field (model K2) with wire-rope system of type ABS-Lock® SYS made by ABS Safety GmbH

TRANSLATION



ABS ProSlide



ABS SkyRoll



ABS QuattroRoll

Fig. 2 - 4: Mobile anchor point



Fig. 5: Pressed end anchor (fork)



Fig. 6: Screwed end anchor



Fig. 7: Tensioner



Fig. 8: Tensioner with rope force display, type CompactForce



Fig. 9: Absorber



Fig. 10: Intermediate anchor



Fig. 11: Flexible bend





Fig. 12: Solar field, model K2 with anchor point ABS-Lock® X Solar



Fig. 13: Aluminium profile, type SpeedRail

(15) Report

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