(1) # EC-Type Examination Certificate

(2) Council Directive of 21 December 1989 on the approximation of the laws of the member states relating to personal protective equipment - 89/686/EEC

(3) No. of EC-Type Examination Certificate: **ZP/B119/14**

(4) Product: **Anchor device type D**
Type: Altirail

(5) Manufacturer: **Vertic France**

(6) Address: **691 Chemin des Fontaines, 38190 Bernin, France**

(7) The design and construction of this personal protective equipment and any acceptable variation thereto are specified in the schedule to this type examination certificate.

(8) The certification body of DEKRA EXAM GmbH, Notified Body No. 0158 according to Article 9 of Council Directive 89/686/EEC of 21 December 1989, certifies that this personal protective equipment has been found to comply with the Essential Health and Safety Requirements given in Annex II to the Directive. The examination and test results are recorded in the test and assessment report PB 13-225.

(9) The Essential Health and Safety Requirements are assured by compliance with

DIN EN 795:2012 **DIN CEN/TS 16415:2013**

(10) This EC-Type Examination Certificate relates only to the design, examination and tests of the specified personal protective equipment in accordance to Directive 89/686/EEC. Further requirements of the Directive apply to the manufacturing process and supply of this personal protective equipment. These are not covered by this certificate.

(11) When applying the CE Marking to the products that conform to the types examined, the client is obliged to add, in accordance with the attached pattern, the identification number of the Notified Body engaged in production control.

(12) This EC-Type Examination certificate is valid until 2019-11-27.

DEKRA EXAM GmbH
Bochum, 2014-11-28

signed: Simanski
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

DEKRA EXAM GmbH, Dinnendahlstrasse 9, 44809 Bochum, telephone +49.234.3696-105, fax +49.234.3696-110, zs-exam@dekra.com

(13) Appendix to

(14) **EC-Type Examination Certificate ZP/B119/14**

(15) 15.1 Subject and Type

Anchor device type D
Type: Altirail

15.2 Description

The anchor device, type: Altirail (figure 1) serves the temporary protection of persons against falls from a height. An extruded aluminium profile, type: R.RAIL3 (figure 2) is used as rigid anchor line, on which the mobile anchor point is running. The user can attach his personal fall protection equipment to that mobile anchor point. The mobile anchor point is available in three different versions, type: R.CF2 (figure 4), type: R.CF3 (figure 5) and type: R.CB2 (figure 6).

The rigid anchor line is attached to the roof, wall or ceiling of the building with suitable end and intermediate brackets, type: R.SUP (figure 3). The maximum field length, i.e. the distance between two brackets, is 4 m. In lateral application, not more than two persons are permitted per 4 m anchor line. For overhead application or when fastened on a roof, up to 4 persons are permitted per 4 m anchor line.

The projection, i.e., the distance from the rail end to the last bracket, must not exceed 200 mm.

The ends of the rigid anchor line are secured against accidental overrunning by firmly bolted end stops.

There are two different types of end stops: type: R.EXTF (figure 7) and type: R.BE (figure 8); this one can be opened for installing a mobile anchor point on the rigid anchor line. To install a mobile anchor point on any section of the rigid anchor line, a folding element, type: R.RO (figure 9) can be integrated in the rigid anchor line where needed. Two rigid anchor lines are connected by suitable fastening elements and a connector, type: R.ECL (figure 10).

To move around building corners, the inner curve shown in Figure 11 or the outer curve in figure 12 can be installed. Switches type: R.AIG3D (figure 13) or type: R.AIG4D (figure 14) can be installed where three or four rigid anchor line sections meet.

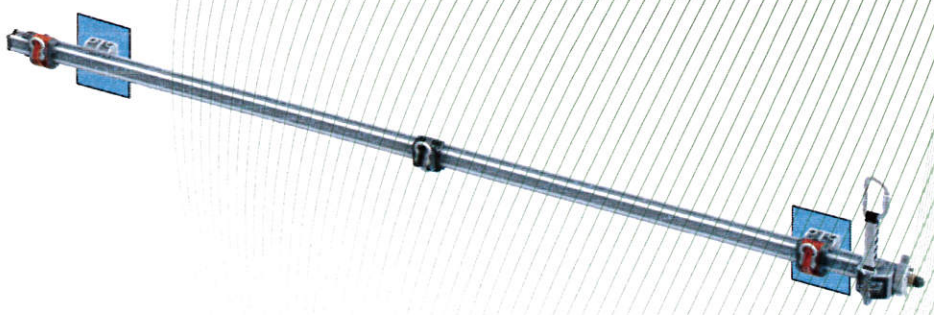
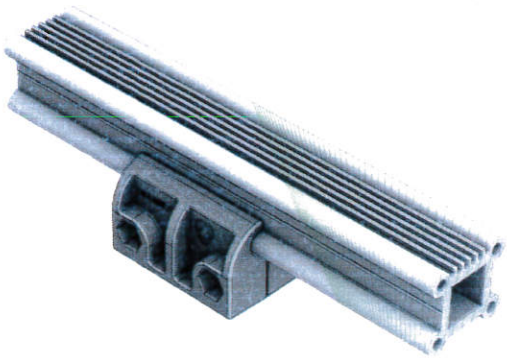
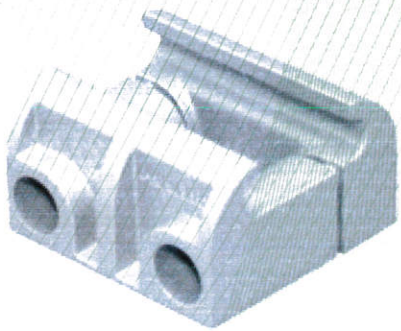


Figure 1: Typical application of the anchor device type: Altirail





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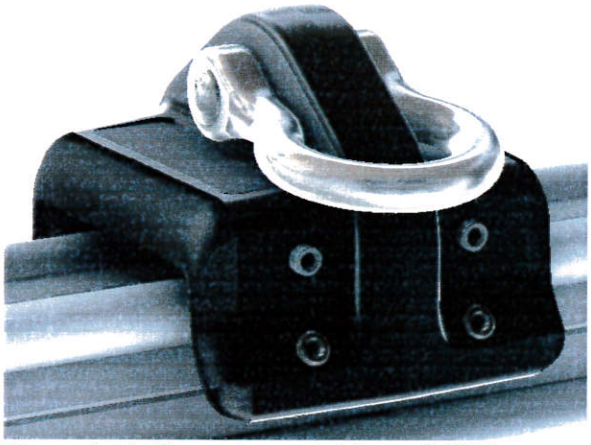

Figure 4: Mobile anchor point, type: R.CF2

Figure 5: Mobile anchor point, type: R.CF3

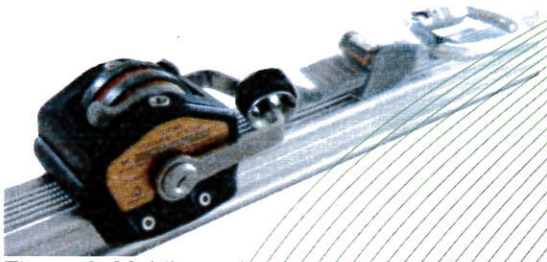

Figure 6: Mobile anchor point, type: R.CB2

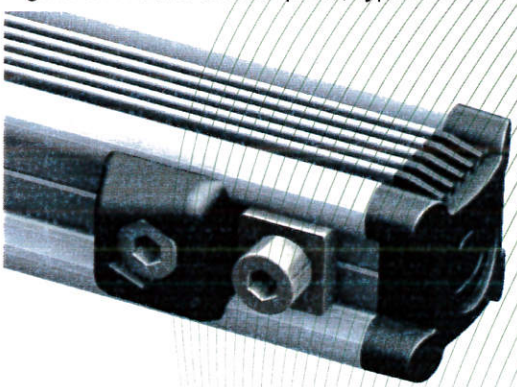

Figure 7: End stop, type: R.EXTF

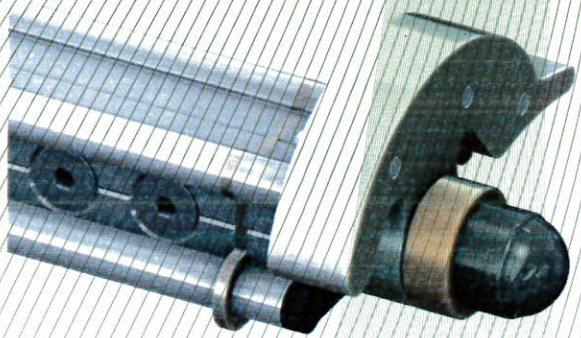

Figure 8: End stop, type: R.BE

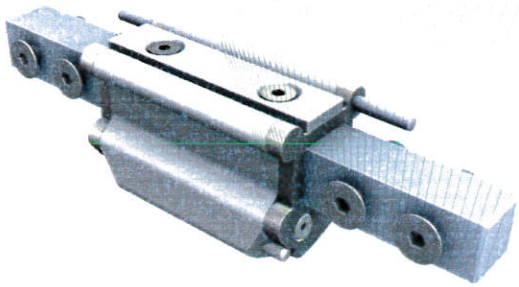

Figure 9: Rigid anchor line with folding element for mounting a roller, type: R.RO

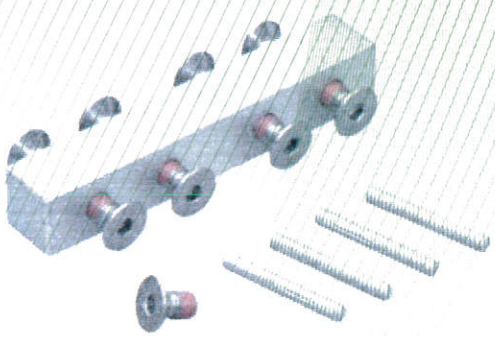

Figure 10: Connector, type: R.ECL

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Figure 11: Inner curve, type: R.A90E2

Figure 12: Outer curve, type: R.A90S2

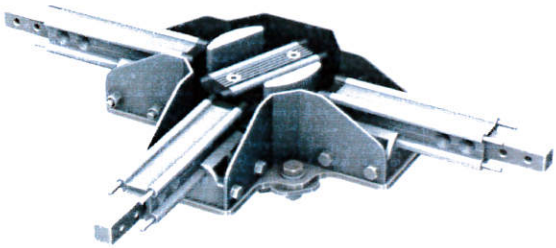

Figure 13: 3-way-switch, type: R.AIG3D

Figure 14: 4-way-switch, type: R.AIG4D

(16) Test and Assessment Report

PB 13-225, 2014-11-20

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