



0408

DECLARATION OF PERFORMANCE
No: DoP-DS-Line-01-EN

**Unique identification code of the product-type:**

DiaSafe® Line

Intended use:

Horizontal wire-rope anchoring safety system fixed by roof layers with traveller device for the latching of two users simultaneously.

EN 795:2012 type: C
CEN/TS 16415:2013
EN 365:2004

Manufacturer:

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System of AVCP: 1+**Notified body:** TÜV AUSTRIA SERVICES GMBH**Certificate number:** 2043-2008-PSA20-050-Z; Annex 1.
2045-2008-PSA20-050-E; Annex 1.**Declared performance:**

Essential characteristics	Unit	Performance
Max. roof slope		5°
Minimum loading weight/post in case of a standard ballasting mat (3x3 m)	kg/post	720
Minimum ballasting surface weight/m ² in case of standard ballasting mat (3x3 m)	kg/m ²	80
Max. number of users	person	1 +1 (max. 100 kg+100 kg)
Min. distance of the anchoring posts	m	1.5
Max. distance of the anchoring posts	m	8
Tensile strength of the wire rope	kN	33.4
Max. tensile stress on the roof insulation in case of standard ballasting mat (3x3 m)	N/mm ²	0.00155
Maximum deflection of the system in case of fall using standard ballasting mat (3x3 m), 8 m span	mm	2500
Min. distance from the edge of roof (according national guidelines)	m	2.5
Maximal static load of the system during a rescue process according to EN 795:2012	kg	300
Material of ballasting mat		polypropylene geotextile
Material of DS amoeba-damping plate		fibreglass reinforced polyester resin
Frequency of the compulsory system inspection		12 months
Permissible deflection of pull directions		0°-360°

System compatible personal protective equipment: according to EN 363

The performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Zoltan Magyar, Head of Technology, Product Development

Date: 09.10.2020. Győr, Hungary

Signature