



0408

**DECLARATION OF PERFORMANCE**

No: DoP-DS-L-07-EN

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

DiaSafe® Ballasted Line Multi

**Intended use:**

Horizontal wire-rope anchoring safety system fixed by roof layers, for the simultaneous latching of 1+1 users in every other fields, as fall restraint system for one user and as fall arrest system for the other user, according to the following standards:

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

**Manufacturer:**

**APP Kft.**  
**H-9028 Győr**  
**Fehérvári út 75.**

Tel.: +36 96 / 512 910  
Fax: +36 96 / 512 914  
[info@diadem.com](mailto:info@diadem.com)  
[www.diadem.com](http://www.diadem.com)

**APP Dachgarten GmbH**  
**Jurastrasse 21**  
**D-85049 Ingolstadt**

Tel.: +49 841 / 370 9496  
Fax: +49 841 / 370 9498  
[info@grundach.com](mailto:info@grundach.com)  
[www.grundach.com](http://www.grundach.com)

**System of AVCP:** 1+**Notified body:** TÜV AUSTRIA SERVICES GMBH**Certificate number:** 1598-1803-PSA18-023-Z; Annex 1.  
1603-1803-PSA18-023-E; Annex 1.**Declared performance:**

Essential characteristics	Unit	Performance
Max. roof slope		5°
Minimum loading weight/post in case of standard ballasting mat (3x3 m)	kg/post	720
Minimum ballasting surface weight/m <sup>2</sup> in case of standard ballasting mat (3x3 m)	kg/m <sup>2</sup>	80
Max. number of users		1 +1 person (max. 100 kg+100 kg) in every other fields
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 <sup>2</sup>	0.00155
Maximum deflection of the system in case of fall, using standard ballasting mat (3x3 m) and in case of an 8 m long field	mm	2452
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: 01.04.2020. Győr, Hungary

Signature