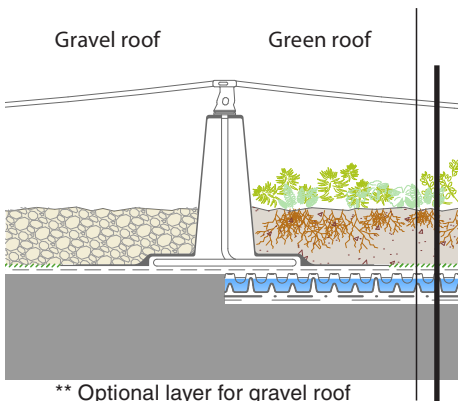




ADVANTAGES

- Hands-free ⇒ continuous free movement along the whole roof edge
- No thermal bridges ⇒ Junction elements are not necessary for installation
- Permanently secured by ballast layer (e.g.: greenroof; gravel) ⇒ May be fixed without penetrating the waterproofing membrane
- Corrosion proof ⇒ Can be installed in coastal regions with salt exposure and industrial areas affected by acid rain
- Multi-user system ⇒ When using the DiaGlider-Fix, max. 1+1 person can connect to the system, while when using a carabiner, up to 1+1 person can be connected between every second section.
- Minimal static necessity ⇒ from 30 kg of ballast weight per square metre*

* when using auxiliary damping mat



** Optional layer for gravel roof



100% recyclable

DIADEM® BUILD-UP

- DiaMat^{PRO} sedum mat
- extensive substrate / gravel
- DiaSafe® Line fall protection system
- VLF-150 separation and filter geotextile**
- DiaDrain-25H drainage board
- VLU-300 mechanical protection geotextile
- root-resistant waterproofing membrane
- additional layers

APPLICATION

For ensuring the safety of people working at height on flat roofs with up to 5° incline. Can be used both as fall arrest or fall restraint systems.



CEN/TS 16415

SPECIFICATION

Permanent anchor device fixed by ballast layers (e.g.: greenroof; gravel) installed without penetrating the waterproofing membrane, with wire rope (8 mm) running parallel to the roof edge, when using the DiaGlider-Fix, max. 1+1 person can connect to the system, while when using a carabiner, up to 1+1 person can be connected between every second section, with one user as a restraint system for the other user as a fall arrest system, according to the standards EN ISO 795:2012 class C and CEN/TS 16415:2013 certified, for flat roofs with a slope up to 5°, incl. all accessories made of stainless steel resistant to acid environments and salt air in coastal regions, with DS amoeba-damping plate with laminated ballasting mat (3 x 3 m) in signal green colour, and a fibreglass reinforced support cone, with marking lines for the min. ballasting height, supplied as fully functional system ready for immediate professional installation according to manufacturer's instructions, to the technical building regulations and to the approved implementation plan, assembled according to guidelines provided by the manufacturer with ballast material in dry conditions at min. 80 kg/m² distributed over the whole ballasting surface.

Product: DiaSafe® Line
Producer's certificate: A.P.P. Kft.
Website: www.diadem.com

TECHNICAL DATA

Related norms:	EN 795:2012; CEN/TS 16415:2013; D.A.CH.S directives; ÖNORM B3417
Integrated safety damping mat:	3 x 3 m**
**Weight of ballast:	80 kg / m ²
Max. number of users with DiaGlider-Fix (Person):	1 + 1
Multi-user:	yes
Resistant to salt and acid:	yes
Effective in winter conditions (frost, snow):	yes



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