

# DiaSafe® Line Multi

Fall protection system with multiple anchoring points

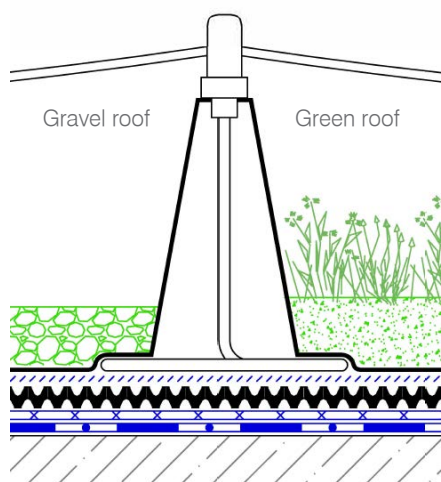
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## ADVANTAGES

- No thermal bridges ⇒ Junction elements are not necessary for installation
- Permanently secured by roof layer ⇒ 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 ⇒ The system can be used by more than one person at the same time
- Low load requirements ⇒ from 30 kg of ballast weight per square metre



## DIADEM® BUILD-UP LAYERS



- Vegetation
- Growing media or gravel
- DiaSafe® damping plate with integrated damping mat**
- \* VLF-150/200 filter layer
- \* DiaDrain-25H flow-delay retention board
- VLU-300/VLU-500 protection layer
- Root resistant waterproofing membrane
- Roof construction

\*Optional layer for gravel roof

## 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.



100% recyclable



## PRODUCT SPECIFICATION

### ■ DiaSafe® Line Multi

CE-marked, permanently secured by roof layer, safety system against fall, standard EN795:2012 (valid since 31.01.2013), class A and C certified, as fall arrest or fall restraint system, installed without penetrating the water membrane, with stainless steel anchoring wire (8 mm) parallel with the parapet wall, incl. all accessories made of stainless steel, resistant to acid rain in industrial regions and salt air in coastal regions and with "Amoeba"-shaped damping plate, with a fibreglass laminated cone and laminated ballasting mat, in signal-green colour, with height-marking lines for assisting measurement of ballast material in dry conditions at 80 kg/m<sup>2</sup> (with accessory damping mat from 30 kg/m<sup>2</sup>) distributed evenly over the whole ballasting mat surface, supplied as fully-functional system ready for immediate professional installation according to the approved implementation plan and laid out using guidelines provided by the manufacturer.

### ■ Further information

DiaSafe® Line Multi anchor post, DS amoeba damping plate with GFK-cone and damping mat: ..... piece,  
FGL-50 stainless steel wire rope length: approx. .... Im • Product: DiaSafe® Line Multi  
Producer's certificate: APP Dachgarten GmbH/APP Kft. • Website: [www.diadem.com](http://www.diadem.com)

## TECHNICAL DATA

Relevant standards	EN795:2012 • CEN/TS 16415:2013 • D.A.CH.S directives • ÖNORM B3417
Integrated safety damping mat (m)	
** Weight of ballast:	80 kg/m <sup>2</sup>
Highest tensile strength on the waterproofing membrane (N/mm <sup>2</sup> )	0.00155 N/mm <sup>2</sup>
Multi-user	yes
Resistant to salt and acid	yes
Effective in winter conditions (frost, snow)	yes



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Green Up the Roof!

