

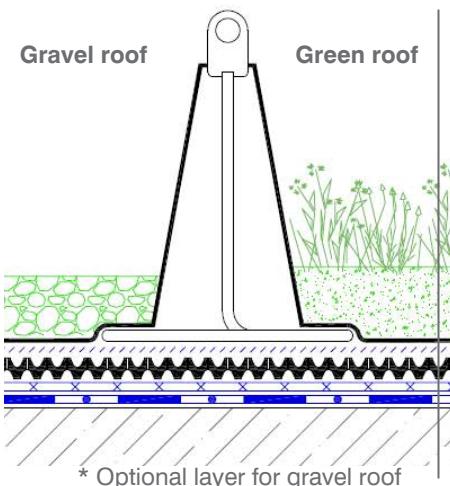
DiaSafe® Single Solo/Duo

130097

Fall protection system with single anchoring point

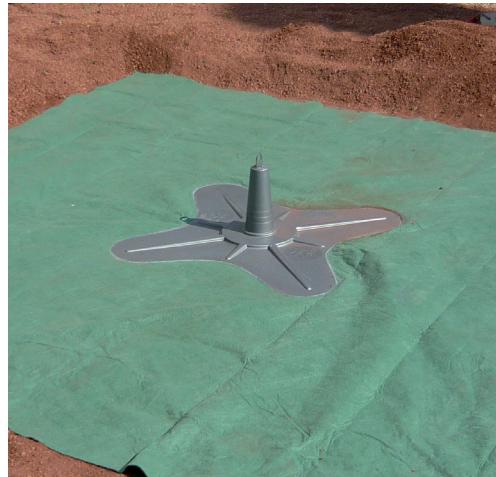
ADVANTAGES

- 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 anchor one or two people if ballast weight is increased
- Flexible ⇒ Same system can be used for roof installation and subsequent maintenance work



DIADEM® BUILD-UP LAYERS

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



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.



EN0408



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DiaSafe®

PRODUCT DESCRIPTION

■ DiaSafe® Single Solo/Duo

CE-marked, permanently secured by roof layer, safety system against fall, for one (Solo) or for two (Duo) persons, standard EN795:2012 (valid since 31.01.2013) for Solo, and CEN/TS 16415:2012 for Duo, class A certified, as fall arrest or fall restraint system, installed without penetrating the water membrane, with "Amoeba"-shaped damping plate, with integrated DS-Single anchor post of stainless steel that is resistant to acid rain in industrial regions and salt air in coastal regions, 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/m² for Solo (with accessory damping mat from 30 kg/m²) or 200 kg/m² for Duo 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® Single Solo/Duo: piece

Product: DiaSafe® Single Solo/Duo

Producer's certificate: APP Dachgarten GmbH/APP Kft.

Website: www.diadem.com

TECHNICAL DATA

Related norms:

EN795:2012; CEN/TS 16415:2012; D.A.CH.S directives; ÖNORM B3417

Integrated safety damping mat (m):

3x3**

**Weight of ballast:

80 kg/m² ("Solo"); 200 kg/m² ("Duo")

Highest tensile strength on the waterproofing membrane (N/mm²):

0,00155 N/mm²

Multi-user:

yes ("Duo")

Resistant to salt and acid:

yes

Effective in winter conditions (frost, snow):

yes



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Green Up the Roof!

