

Technical Data Sheet DiaSafe® Single-Anchor

Product Description / Use:

DiaSafe® Single-Anchor safety system is permanently secured by the roof layer. It is a fall protection system against fall and meets standard EN 795:2012 for a single person.

Single-Anchor is CE-marked, meets EN 795: 2012 (valid since 31.01.2013) for Solo use, Class A certified, as a fall arrest or fall restraint system.

The integrated Single-Anchor post is made from a high-grade 1.4404 (316) stainless steel console, bent & welded from a circular sectioned steel rod, including an absorption spring.

The “Amoeba” – shaped damping base plate and laminated cone are made from fiberglass and steel reinforced laminated polyester resin. DiaSafe® has a geotextile polypropylene ballasting mat, in signal-green colour.



Key Features:

- 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 & industrial areas affected by acid rain
- Flexible > same system can be used for roof installation and subsequent maintenance work

Application Areas:

MOY recommend for ensuring the safety of a single person working at height on flat roofs with up to 5° incline. Can be used both as fall arrest or fall restraint systems.

Installation:

MOY recommend the DiaSafe® Single-Anchor is permanently secured and ballasted by the roof waterproofing system, allowing it to be installed without penetrating the waterproofing membrane. Height-marking lines assist in measurement of the ballast material, min 80 kg/m² in dry conditions distributed evenly over the whole ballasting mat surface.

Supplied as a fully-functional system ready for immediate installation by a competent person, according to the approved design layout and installed in accordance with guidelines provided by the manufacturer.

Technical Specification:

Technical Specification		
Properties	Unit	Value
Relevant Standards		EN795:2012; CEN/TS 16415:2012; D.A.CH.S directives; ÖNORM B3417
Integrated safety damping mat	m	3x3
Weight of ballast (minimum)	kg/m ²	80
Highest tensile strength on the waterproofing membrane	N/mm ²	0.00155
Multi-user		No
Resistant to salt and acid		Yes
Effective in winter conditions (frost, snow)		Yes

MOY Materials Ltd has taken care to ensure that the information provided in the literature is correct and up to date. However, it is not intended to form any part of a contract or provide a guarantee. Purchasers/intending purchasers should contact MOY Technical to check whether there have been any changes to the information since publication of the literature. Please ensure you have read the hazard labels and material safety data sheet before using this product.

