

DiaSafe-Single-System "Solo"

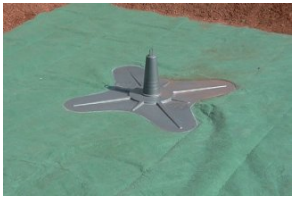
Fall protection system with single anchoring point

#130097



Technical Data Sheet

■ Green up the roof!

	<p>CE-marked ballasted safety system against fall, for one ("Solo") or for two ("Duo") persons, standard EN 795:2012 (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 energy-absorbent anchor post of 1.4404 (316) 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 additional FGT-180 ballasting 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.</p>	
	Dim.	DiaSafe-Single-System "Solo"
Max. roof slope		5°
Integrated safety damping mat	m	3x3
Minimum loading weight/post in case of standard ballasting mat	kg/post	720 (Solo), 1800 (Duo)
Minimum ballasting surface weight/m ² in case of standard ballast	kg/m ²	80 (Solo), 200 (Duo)
Max. number of users		1 (Solo), 2 (Duo)
Maximum deflection of the system in case of fall	m	0,76 (Solo), 0,89 (Duo)
Max. tensile stress on the roof insulation, in case of standard	N/mm ²	0.00155
Min. distance from the edge of roof	m	2
Frequency of system inspection		12 monthly
Material of anchor post		Stainless steel 1.4404 (316)
Material of ballasting mat		Polypropylene

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Specifications are subject to change without notice. **DIADEM USA, Inc.**

8795 SW Tualatin Sherwood Rd #1005, Tualatin, OR 97062
 Email: info@diademusa.com; Web: www.diademusa.com