



www.sayfagroup.co.uk  
enquiries@sayfagroup.co.uk  
+44 (0) 1509 509 273

## Certificate of Technical Conformity

Product Code(s)	Product Description(s)		
ESD.1500.1500.2U	EdgeSeil™ Davit System comprising fixed base / socket with 1500mm out reach arm and 1500mm height from SSL.		
<b>Material Specifications</b>	304 Grade Stainless Steel Davit Base and Tie off Points / E355 Stainless Socket 316 Grade Stainless Steel Satin Finish re-enforced supports A4/1.4401 A70 Grade M16 Bolts A4/1.4401 A70 Grade M16 Pins 6082-T6 Structural Aluminum Inner & Outer 316 Grade Stainless Roller Plates		
<b>Installation / Fixings</b>	Product Tested with 4 / 5 x M16 stainless steel stud with 220mm resin embedment Product Tested with 5 x Concrete Anchors 130mm M12 anchors Product Tested with DBA, DBC, DBL, DBS & DBW 1U 300mm square base types, 4 fixing Product Tested with DBA, DBC, DBL, DBS & DBW 2U 400mm square base types, 5 fixing Product Tested cast-into C30 concrete 220mm with no rebar		
<b>Test Standards</b>	-BS 8610:2017 Personal fall protection equipment. Anchor systems.		
<b>Related Standards</b>	-BS EN 795:2012 Personal fall protection equipment. Anchor devices. -PD CEN/TS 16415:2013 Personal fall protection equipment. Anchor devices. Recommendations for anchor devices for use by more than one person simultaneously.- BS 6037 Planning, design, installation and use of permanently installed access equipment. Code of practice. - BS 7883 Code of practice for the design, selection, installation, use and maintenance of anchor devices conforming to BS EN 795. - BS 7985 Code of practice for the use of rope access methods for industrial purposes. - BS ISO 22846 Personal equipment for protection against falls. - BS 8437 Code of practice for selection, use and maintenance of personal fall protection systems and equipment for use in the Workplace.		
<b>Design Load / Force</b>	21kN	<b>Moment</b>	31.5kN
<b>Safe Working Load</b>	600kg	<b>Users:</b>	2 Users Type 4A
<b>Assembly</b>	Component form, tool free with 49kg mast and other each section component 25kg or below.		
<b>Primary Test Criteria's</b>	<b>Observations</b>		
<b>Dynamic Test</b>	2 User 200kg Pass - Zero perceived / measured deflection.		
<b>Deformation Test</b>	6.0kN Pass - Zero perceived / measured vertical deflection.		
<b>Static Test a)</b>	6kN SWL - 53mm horizontal elastic deformation		
<b>Static Test b)</b>	15kN - 131mm plastic deformation		
<b>Static Test c)</b>	21kN - 358mm plastic deformation		
<b>Corrosion Test</b>	Pass		
<b>Design &amp; Ergonomics</b>	Pass		
<b>Development Director</b>	T King	<b>Authorising Signature</b>	<i>T King</i> 12/04/2022
   			
RHINODECK™ AIRDECK™ LOUVSOL™ EDGESEIL™ FALLSECURE™ 			
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