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Certificate of Technical Conformity

Product Code(s)	Product Description(s)		
DBS.0400.0450.SS.2U	EdgeSeil™ Davit System surfaced fixed base / Suitable for two users and with 1500mm, 2000 and 2500mm outreach Davits.		
Material Specifications	304 Grade Stainless Steel base plate 304 Grade Stainless Seamless Tube post / socket		
Installation / Fixings	Product Tested resin fixed into C30/35 concrete 160mm with no rebar re-enforcement within sample area. Product Tested concrete anchor fixed.		
Test Standards	-BS 8610:2017 Personal fall protection equipment. Anchor systems.		
Related Standards	<ul style="list-style-type: none"> -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 		
Design Load / Force	21kN	Moment	Davit 31.5kN @ 1500mm Davit 42kN @ 2000mm Davit 52.5kN @ 2500mm
Safe Working Load	600kg	Users:	2 Users Type 4A
Assembly	5 no. M16 x 160mm A4 studs for Fischer Superbond Resin. Concrete Anchor 3 no. M12 x 135 A and 2 no. M12 x 105.		
Primary Test Criteria's	Observations		
Dynamic Test	2 User 200kg Pass - Zero perceived / measured deflection.		
Deformation Test	6kN Pass - Zero perceived / measured vertical deflection.		
Static Test a)	6kN SWL - 3mm horizontal elastic deformation		
Static Test b)	15kN - 7mm plastic deformation		
Static Test c)	21kN - 12mm plastic deformation		
Corrosion Test	Pass		
Design & Ergonomics	Pass		
Development Director	T King	Authorising Signature	<i>T King</i> 02/12/2022
   			
RHINODECK™ AIRDECK™ LOUVSOL™ EDGESEIL™ FALLSECURE™ 			
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