

TECHNICAL DATA SHEET

PRODUCT : STEEL SCAFFOLD HOOK
REF. NO. : RV-SH-131

DOC. NO. : RV/TDS/SH/131

ISSUE : 01-19

REVISION : 01

DATE : 13-03-2020

CONFORMING TO EN 362:2004(CLASS B)



Physical Parameters	General		- Opening 55 mm - Auto closing & auto locking type steel scaffold hook.
		Weight	500.0gm
Metallic Assembly		Material Breaking Strength Plating Finish	Forged Alloy Steel Greater than 23 kN Shot Blasted, Electro Deposited Zinc (Silver/Yellow) Free of sharp edges. Capable of taking 50 hrs of neutral salt spray testing.
	Vital Test Compliance	Static Strength	Testing Equipment Required
		Major Axis	Tensile Testing Machine. Able to withstand a Tensile Load of 20 kN for 3 Min $\pm$ 3 sec with Gate closed and unlocked. And also able to withstand a Tensile Marked Load + 1kN for 3 Min $\pm$ 3 sec with Gate closed and locked
		Gate Function	Testing Equipment Required Tensile Testing Machine. With the gate closed and locked, apply a load of 6kN for 10 $\pm$ 1 second along the major axis. Unload and check that gate opens as intended.

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Gate Resistance	Testing Equipment Required	Tensile Testing Machine.
	Gate Face	Tested with a force of (1.0 ± 0.02) KN, the gate-locking feature of connector function correctly without separating from the latch by more than 1mm.
	Gate Side	Gate locking withstands a force of $1.5 (\pm 0.03)$ kN without any partial fracture. After this test the gate locking feature still functions correctly.
Corrosion Test	Testing Equipment	Salt Spray Chamber
	Conformity	Does not show any red rust after subjecting to 120 hours of salt-spray testing.