



## DECLARATION OF PERFORMANCE

DECLARATION No.	CE-DOP-002-SEL	
PRODUCT TYPE	Shotblasted to grade 2.5 and galvanised to EN ISO 1461, drilled / punched, thermally cut to BS EN 1090-2 and welded connections to BS EN 3834: 1-5	
INTENDED USE	Structural steelwork construction components for use in building work	
MANUFACTURER	Southon Engineering Limited, Unit 2 Ardmoores Road, South Ockendon, Essex. RM155TH. United Kingdom	
VERIFICATION OF CONSISTANCY	As Annex ZA table ZA.3 of the standard EN1090-1 continuous surveillance, assessment and approval of the Factory Production Control and the Factory.	
CERTIFICATE NUMBER	1224 - CPR - 0814	
ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONISED TECHNICAL SPECIFICATION
Tolerance on dimensions and shape	En 1090-2, tolerance class1	BS EN 1090 -1:2009 +A1:2011
weldability	EN10025-2: S235, S275, S355	BS EN 1090 -1:2009 +A1:2011
fracture toughness / impact resistance	EN10025-2: JR(H)27J@20°C JR(H)27J@0°C J2(H)27J@-20°C	BS EN 1090 -1:2009 +A1:2011
load bearing capacity	NPD	BS EN 1090 -1:2009 +A1:2011
fatigue strength	NPD	BS EN 1090 -1:2009 +A1:2011
resistance to fire	NPD	BS EN 1090 -1:2009 +A1:2011
Reaction to fire	Class A1 ( steel Only)	BS EN 1090 -1:2009 +A1:2011
release of cadmium and its compounds	NPD	BS EN 1090 -1:2009 +A1:2011
Radioactivity	NPD	BS EN 1090 -1:2009 +A1:2011
Durability	Surface preparation to EN ISO 1461	BS EN 1090 -1:2009 +A1:2011
manufacturing	In accordance with component specification and BS EN 1090-2 EXC2	BS EN 1090 -1:2009 +A1:2011

The performance of the type of product identified above is in conformity with the declared performance identified in the table.

Signed for and on behalf of the manufacturer

Matthew Southon  
Managing Director