

Declaration of Performance



DoP ref No. S-001

Type: All Severfield (UK) Ltd projects are identified by a unique contract number which is clearly displayed on all CE Marked documentation supplied with all deliveries.

Intended Use: Structural steel components intended for use in steel structures where components can be made from Hot rolled, Cold rolled sections / profiles in various shapes and sizes, flat plates, bars, castings & forgings made of steel components. Made in accordance with the Harmonised Technical Specification listed, in various grades of materials and durable coatings as indicated in the table below.

Manufacturer: Severfield (UK) Ltd
 Severs House, Dalton Airfield Industrial Estate, Dalton, Thirsk, YO7 3JN
 telephone No. +44 (0)1845 577896 &
 Watson House, Lostock Lane, Lostock, Bolton, BL6 4BL telephone No. +44 (0)1204 699999
 Email address – info@severfield.com Website address - www.severfield.com

Constancy of performance: System 2+

Notified Body: Steel Construction Certification Scheme (SCCS), 4 Whitehall Court, Westminster, London SW1A 2ES

Notified Body No: 2273

SCCS has performed (i) initial inspection of the manufacturing plant and factory product control and (ii) continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued Factory Production Control Certificate 2273-CPR-012 and Welding Certificate 2273-CPR-0012-WC.

Essential Characteristics	Performance	Harmonised Tech Specification
Tolerances on geometrical data	EN 1090-2:2008+A1:2011 tolerance class 1 and or 2	EN 1090-1:2008+A1:2011
Weldability	EN 10025-2:2004	
Grades	S275JR S275J0 S275J2	
Fracture toughness	≥ 27J @ 20°C ≥ 27J @ 0°C ≥ 27J @ -20°C	
Grades	S355JR S355J0 S355J2 S355K2	
Fracture toughness	≥ 27J @ 20°C ≥ 27J @ 0°C ≥ 27J @ -20°C ≥ 40J @ -20°C	
Weldability	EN 10025-3:2004	
Grades	S275, S355, S420 and S460 (plus N or NL)	
Fracture toughness	N = 40J @ -20°C NL = 27J @ -50°C	
Weldability	EN 10025-5:2004 (Improved atmospheric corrosion resistance)	
Grades	S355J0W S355J2W S355K2W	
Fracture toughness	≥ 27J @ 0°C ≥ 27J @ -20°C ≥ 40J @ -20°C	
Resistance to fire	NPD	
Reaction to fire	Class A1 (Steel only)	
Release of cadmium and its compounds	NPD	
Radioactivity	NPD	
Durability	Surface preparation according to EN ISO 8501-3:2007 preparation grade P1, P2 or P3. Surface painted according to BS EN ISO 12944.	
Design	NPD	
Load Bearing capacity	NPD	
Fatigue strength	NPD	
Manufacturing	EXC1, EXC 2, EXC3 and EXC4	

The performance of the product identified above is in conformity with the declared performance identified in this table. These characteristics should be interpreted in accordance with the contract specification.

This Declaration of Performance is issued under the sole responsibility of Severfield (UK) Ltd.

Signed for and on behalf of Severfield (UK) Ltd:

Paul Broome – Quality Manager:

Date: 30/05/2014