

**EU - Declaration of Performance
DoP Reference No. KSSL-001**

Type: All Kiernan Steel projects are identified by a unique project 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 or cold rolled sections / profiles in various shapes & sizes, flat plates, bars made of steel components, made in accordance with the Harmonized Technical Specification listed in various grades of materials and durable coatings as indicated in the table below.

Manufacturer: Kiernan Steel
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Constancy of Performance: System 2+
Notified Body: NSAI, 1 Swift Square, Northwood, Santry, Dublin 9
Notified Body No: 0050

NSAI 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 0050 - CPR – 0896 and Welding Certificate 0050 - CPR – 0896 -WC.

Essential Characteristics	Performance			Harmonized Technical Standard
Tolerances on geometrical data	EN 1090-2, Essential Tolerances			EN 1090-1:2008+A1:2011
Weldability	EN 10025-2:2004			
Grades	S355JR	S355JO	S355J2	
Fracture Toughness	≥ 27J @ 20°C	≥ 27J @ 0°C	≥ 27J @ -20°C	
	EN 10210-1:2006			
Grades	S355JRH	S355JOH	S355J2H	
Fracture Toughness	≥ 27J @ 20°C	≥ 27J @ 0°C	≥ 27J @ -20°C	
Resistance to Fire	NPD			
Reaction to Fire	Class A1 (steel only)			
Release of cadmium and its components	NPD			
Radioactivity	NPD			
Durability	Surface preparation according to EN ISO 8501-3:2007 preparation grade P1, P2 or P3. Surface painted according to EN ISO 12944			
Design	NPD			
Load Bearing Capacity	NPD			
Fatigue Strength	NPD			
Manufacturing	EXC1, EXC2, EXC3 & 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 designer's project specification documents & drawings.

This Declaration of Performance is issued under the sole responsibility of Kiernan Steel.
Signed for & on behalf of Kiernan Steel:



John Kiernan – Structural Engineer