

<b>Process:</b>	<b>Shot blasted material to ISO 8501 Sa2.5</b>
<b>Intended Use:</b>	Structural metallic construction components intended for use in steel structures or composite steel and concrete structures where the components can be made from hot rolled, cold – formed or with other technologies – sections / profiles with various shapes, flat products (plates, sheets, strip), bars, castings, forgings made of steel material
<b>Manufacturer:</b>	ASD Ltd, Weston Avenue, West Thurrock, Grays. RM20 3FN.
<b>System of assessment and verification of constancy performance:</b>	System 2+
<b>Notified Body:</b>	Steel Construction Certification Scheme
<b>Notified Body Number:</b>	2273
Steel Construction Certificate Scheme has performed:- (i) An initial inspection of the manufacturing plant and factory product control and (ii) Continuous surveillance, assessment and evaluation of factory production control and issued a Factory Control Certificate 2273 – CPR – 0100.	

Essential Characteristics	Performance	Harmonised Technical Specification
<b>Tolerances of Dimensions and Shape</b>	BS EN 1090-2	BS EN 1090 –1:2009+A1:2011
<b>Weldability</b>	BS EN 10025-2; S235, S275, S355 BS EN10210-1/BS EN10219-1: S235,S275, S355, S420,S460	BS EN 1090 –1:2009+A1:2011
<b>Fracture toughness / impact resistance</b>	BS EN10025 -2/BS EN10210-1/BS EN10219-1 JR(H) 27J @ 20°C JO (H) 27J @ 0°C J2(H) 27J @ -20°C K2(H) 40J @ -20°C NH, NLH, MH, MLH 40J @ -20°C & 27J @ -50°C	BS EN 1090 –1:2009+A1:2011
<b>Loadbearing capacity</b>	NPD	BS EN 1090 –1:2009+A1:2011
<b>Fatigue strength</b>	NPD	BS EN 1090 –1:2009+A1:2011
<b>Resistance to fire</b>	NPD	BS EN 1090 –1:2009+A1:2011
<b>Reaction to fire</b>	Class A1 (Steel only)	BS EN 1090 –1:2009+A1:2011
<b>Release of cadmium and its compounds</b>	NPD	BS EN 1090 –1:2009+A1:2011
<b>Radioactivity</b>	NPD	BS EN 1090 –1:2009+A1:2011
<b>Durability</b>	Surface preparation to BS EN 1090-2 Preparation grade P3	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:



José María Roger  
CEO ASD Ltd