

## Ref ASD 15 - 01 – 2945

<b>Process:</b>	<b>Manufacturers of Supports for fixed vertical Road Traffic Signs</b>
<b>Intended Use:</b>	ASD Limited supply in kit form the sign plates, posts, post caps, base plates, fittings. Sheet materials and sign rail.
<b>Manufacturer:</b>	ASD Limited, Cinderbank, Dudley. DY2 9AD
<b>System of assessment and verification of constancy performance:</b>	System 1
<b>Notified Body:</b>	SGS United Kingdom Limited, Notified Body
<b>Notified Body Number:</b>	0120
SGS 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 Certificate of Constancy of Performance GB 15/93988	

In compliance with **Construction Products Regulation (Retained EU Law EUR 2011/305**

(the Construction Products Regulation or CPR), this conformance certificate applies to the construction product

Supports supplied for fixed vertical road traffic signs to table ZA.3.

Complete assemblies without retro reflective sheeting to table ZA.6.

**EN 12899 – 1: 2007**

Produced by or for **ASD Limited**

And produced in the manufacturing plant **ASD Limited**

Cinderbank,

Cinderbank,

Dudley,

Dudley,

DY2 9AD

DY2 9AD

Under system 1 for the performances set out above are applied and that the construction product fulfils all the prescribed requirements for these performances.

Signed for and on behalf of the manufacturer:



Jose Maria Roger

Managing Director ASD Limited

<b>Process:</b>	<b>Profiling - Thermal Cutting</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, Pear Tree Lane, Dudley, West Midlands, DY2 0XA
<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, Quality of Cut surfaces in accordance with EN ISO 9013. Hardness of free edge surfaces in accordance with BS EN 1090 -2: 2008 +A1 2011	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 -2 (Hardness tolerance <380HV)	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 -2 (Hardness tolerance <380HV)	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>	NPD	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

# Declaration of Performance

## Ref ASD 14 - 02 - 2911

<b>Process:</b>	<b>Shot blasted material to ISO 8501 Sa2.5 &amp; Primer painted</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, Valley Farm Road, Stourton, Leeds LS10 1SD
<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, Surface painted to Customer Specific Requirements: Thickness Range: 20 – 80 microns Weldable corrosion primer coating; Colour: Red/Brown or Grey (RAL 7012)	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

## Declaration of Performance

### Ref ASD 14 - 01 – 2911

<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, Valley Farm Road, Stourton, Leeds LS10 1SD
<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

<b>Process:</b>	<b>Profiling - Thermal Cutting</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, Drum Road, Drum Industrial Estate, Chester Le Street, County Durham. DH2 1ST
<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, Quality of Cut surfaces in accordance with EN ISO 9013. Hardness of free edge surfaces in accordance with BS EN 1090 -2: 2008 +A1 2011	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 -2 (Hardness tolerance <380HV)	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 -2 (Hardness tolerance <380HV)	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>	NPD	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

<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

<b>Process:</b>	<b>Shot blasted material to ISO 8501 Sa2.5 &amp; Primer painted</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, Surface painted to Customer Specific Requirements: Thickness Range: 20 – 80 microns Weldable corrosion primer coating; Colour: Red/Brown or Grey (RAL 7012)	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

# Declaration of Performance

## Ref ASD 25 - 01 – 2912

<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, W1 Cliftonhall Road, Newbridge. Edinburgh EH28 8PJ
<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



<b>Process:</b>	<b>Shot blasted material to ISO 8501 Sa2.5 &amp; Primer painted</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, W1 Cliftonhall Road, Newbridge. Edinburgh. EH28 8PJ
<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, Surface painted to Customer Specific Requirements: Thickness Range: 20 – 80 microns Weldable corrosion primer coating; Colour: Red/Brown or Grey (RAL 7012)	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