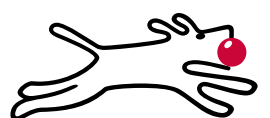


Declaration of Performance



YOUR **SUPPLY CHAIN** PARTNER



Declaration of Performance

Ref ASD 14 - 01 – 2911

Process:	Shot blasted material to ISO 8501 Sa2.5
Intended Use:	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
Manufacturer:	ASD Ltd t/a Kloeckner Metals UK, Valley Farm Road, Stourton, Leeds LS10 1SD
System of assessment and verification of constancy performance:	System 2+
Notified Body:	Steel Construction Certification Scheme
Notified Body Number:	2273
Steel Construction Certificate Scheme has performed:- 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
Tolerances of Dimensions and Shape	BS EN 1090-2	BS EN 1090 –1:2009+A1:2011
Weldability	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
Fracture toughness / impact resistance	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
Loadbearing 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 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:



Peter Whiting
CEO Kloeckner Metals UK



Process:	Shot blasted material to ISO 8501 Sa2.5 & Primer painted
Intended Use:	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
Manufacturer:	ASD Ltd t/a Kloeckner Metals UK, Valley Farm Road, Stourton, Leeds LS10 1SD
System of assessment and verification of constancy performance:	System 2+
Notified Body:	Steel Construction Certification Scheme
Notified Body Number:	2273
Steel Construction Certificate Scheme has performed:- 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
Tolerances of Dimensions and Shape	BS EN 1090-2	BS EN 1090 –1:2009+A1:2011
Weldability	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
Fracture toughness / impact resistance	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
Loadbearing 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 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:



Peter Whiting
CEO Kloeckner Metals UK

Declaration of Performance

Ref ASD 14 - 03 - 2911

Process:	Holing
Intended Use:	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
Manufacturer:	ASD Ltd t/a Kloeckner Metals UK, Valley Farm Road, Stourton, Leeds LS10 1SD
System of assessment and verification of constancy performance:	System 2+
Notified Body:	Steel Construction Certification Scheme
Notified Body Number:	2273
Steel Construction Certificate Scheme has performed:- 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
Tolerances of Dimensions and Shape	BS EN 1090-2, Tolerance class D.1.8 Fastener holes, notches and cut-outs.	BS EN 1090 –2:2009+A1:2011
Weldability	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
Fracture toughness / impact resistance	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
Loadbearing 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	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:



Peter Whiting
CEO Kloeckner Metals UK

Declaration of Performance

Ref ASD 14 - 01 - 2911

Process:	Shear - Punch & Holing
Intended Use:	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
Manufacturer:	ASD Ltd t/a Kloeckner Metals UK, Valley Farm Road, Stourton. Leeds. LS10 1SD
System of assessment and verification of constancy performance:	System 2+
Notified Body:	SCCS 4 Whitehall Court, Westminster. London SW1A 2ES
Notified Body Number:	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
Tolerances of Dimensions and Shape	BS EN 1090-2, Tolerance class D.1.8 Fastener holes, notches and cut-outs.	BS EN 1090 –2:2009+A1:2011
Weldability	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
Fracture toughness / impact resistance	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
Loadbearing capacity	No Performance Characteristics Declared	BS EN 1090 –1:2009+A1:2011
Fatigue strength	No Performance Characteristics Declared	BS EN 1090 –1:2009+A1:2011
Resistance to fire	No Performance Characteristics Declared	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	No Performance Characteristics Declared	BS EN 1090 –1:2009+A1:2011
Radioactivity	No Performance Characteristics Declared	BS EN 1090 –1:2009+A1:2011
Durability	Steel Only	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:



Peter Whiting
CEO Kloeckner Metals UK

Declaration of Performance

Ref ASD 14 - 04 - 2945

Process:	Profiling - Thermal Cutting
Intended Use:	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
Manufacturer:	ASD Ltd t/a Kloeckner Metals UK, Pear Tree Lane, Dudley, West Midlands, DY2 0XA
System of assessment and verification of constancy performance:	System 2+
Notified Body:	Steel Construction Certification Scheme
Notified Body Number:	2273
Steel Construction Certificate Scheme has performed:- 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
Tolerances of Dimensions and Shape	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
Weldability	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
Fracture toughness / impact resistance	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
Loadbearing 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	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:



Peter Whiting
CEO Kloeckner Metals UK

Declaration of Performance Ref ASD 14 - 04 - 2966

Process:	Profiling - Thermal Cutting
Intended Use:	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
Manufacturer:	ASD Ltd t/a Kloeckner Metals UK, Walker Park, Walker Industrial Estate, Guide, Blackburn BB1 2QE
System of assessment and verification of constancy performance:	System 2+
Notified Body:	Steel Construction Certification Scheme
Notified Body Number:	2273
Steel Construction Certificate Scheme has performed:- 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
Tolerances of Dimensions and Shape	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
Weldability	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
Fracture toughness / impact resistance	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
Loadbearing 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	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:



Peter Whiting
CEO Kloeckner Metals UK



Declaration of Performance

Ref ASD 14 - 04 - 2972

Process:	Profiling - Thermal Cutting
Intended Use:	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
Manufacturer:	ASD Ltd t/a Kloeckner Metals UK, Drum Road, Drum Industrial Estate, Chester Le Street, County Durham. DH2 1ST
System of assessment and verification of constancy performance:	System 2+
Notified Body:	Steel Construction Certification Scheme
Notified Body Number:	2273
Steel Construction Certificate Scheme has performed:- 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
Tolerances of Dimensions and Shape	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
Weldability	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
Fracture toughness / impact resistance	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
Loadbearing 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	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:



Peter Whiting
CEO Kloeckner Metals UK



Declaration of Performance Ref ASD 14 - 03 - 2972

Process:	Holing
Intended Use:	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
Manufacturer:	ASD Ltd t/a Kloeckner Metals UK, Drum Road, Drum Industrial Estate, Chester-Le- Street, County Durham DH2 1ST
System of assessment and verification of constancy performance:	System 2+
Notified Body:	Steel Construction Certification Scheme
Notified Body Number:	2273
Steel Construction Certificate Scheme has performed:- 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
Tolerances of Dimensions and Shape	BS EN 1090-2, Tolerance class D.1.8 Fastener holes, notches and cut-outs.	BS EN 1090 –2:2009+A1:2011
Weldability	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
Fracture toughness / impact resistance	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
Loadbearing 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	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:



Peter Whiting
CEO Kloeckner Metals UK

Declaration of Performance

Ref ASD 18 – 05 - 2949

Contract No:
Customer:
Project:
Order No:

Type:	Cellular beams, Tapered Beams, USFB, Plate Girders etc.
Intended Use:	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 produced sections/profiles with various shapes, flat products(Plates, sheet and strip), bars, castings, forgings made of steel materials.
Manufacturer:	ASD Westok Ltd t/a Kloeckner Metals UK Westok, Valley Farm Way, Stourton, Leeds LS10 1SE
System of assessment and verification of constancy performance:	System 2+
Notified Body:	SCCS, 4 Whitehall Court Westminster London SW1A 2ES
Notified Body Number:	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 and issued a Factory Production Control certificate 2273-CPR-0049 and Welding Certificate 2273-CPR-0049-WC	

Essential Characteristics	Performance	Harmonised technical specification
Tolerances on dimensions and shape	BS EN 1090-2	BS EN 1090-1+ A1:2011
Weldability	BS EN 10025-2 S355	BS EN 1090-1+ A1:2011
Fracture toughness / impact resistance	S275JR (27KJ 20°C) S275J0 (27kJ 0°C) S275J2 (27KJ -20°C) S355JR (27KJ 20°C) S355J0 (27KJ 0°C) S355J2 (27KJ -20°C) S355K2 (40KJ -20°C)	BS EN 1090-1+ A1:2011
Load bearing capacity	No Performance Characteristics Declared	BS EN 1090-1+ A1:2011
Fatigue strength	No Performance Characteristics Declared	BS EN 1090-1+ A1:2011
Resistance to fire	No Performance Characteristics Declared	BS EN 1090-1+ A1:2011
Reaction to fire	Class A1 (steel only)	BS EN 1090-1+ A1:2011
Release of cadmium and its compounds	No Performance Characteristics Declared	BS EN 1090-1+ A1:2011
Radioactivity	No Performance Characteristics Declared	BS EN 1090-1+ A1:2011
Durability	Surface preparation according to BS EN 1090-2, Preparation Grade P3, Surface painted according to BS EN ISO 12994, Red or Grey 20-60 Microns, Dr Demuth Shop Primer Hydro S. Or Steel only	BS EN 1090-1+ A1:2011

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

These characteristics should be interpreted in accordance with Component specification specified on Customer Order No.....

Signed for on behalf of **Westok** by:



John Thewliss, Operations Support Manager

Leeds

Place and date of issue

