

**Declaration of Performance
(according to regulation EU No. 305/2011)**

DoP Number

SULB-BH-S235JR

Product Identification Code

Hot Rolled Structural Steel Section S235JR / 1.0038

Product Type

Section S235JR According to EN 10025-2

Intended Use

To be used in metal structures
or in composite metal and concrete structures

Manufacturer

SULB Company B.S.C.(c)
Building 277, Road 17, Block 117, Hidd Industrial Area, P.O. Box 50177,
Kingdom of Bahrain
Tel. (+973) 1735-9344
Website: www.sulb.com

CE Marking Notified Body

Bureau Veritas Iberia, S.L.
Edificio Caoba. C/ Valportillo Primera 22-24
Polígono Industrial La Granja
28108 – Alcobendas
Madrid, Spain
Tel. (+34) 91 270 2084
Website:www.bureauveritas.es

**System of Assessment and Verification
of Constancy of Performance of the Product**

System 2+

Notified factory production control certification body No. 1035 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product type and its identification is in conformity with the declared performance.

This declaration of performance is issued under the sole responsibility of the manufacturer identified above.



Signed for and on behalf of the manufacturer by:



Joachim D'Souza
Acting Chief Executive Officer

Essential Characteristic	Performance		Harmonised Technical Specification
Tolerances on Dimensions and Shape	Equal Angle	EN 10056-1 EN 10056-2	EN 10025-1 :2004
	IPEAA, IPEA, IPE	EN 10034	
	HEAA, HEA, HEB, HEM	EN 10034	
	Universal Beam (UB)	EN 10034	
	Universal Column (UC)	EN 10034	
Yield Strength (Longitudinal)	Nominal Thickness (mm)	Values Min (MPa)	EN 10025-1 :2004
	≤16	235	
	>16 ≤40	225	
Tensile Strength (Longitudinal)	>40 ≤63	215	EN 10025-1 :2004
	Nominal Thickness (mm)	Values (MPa)	
Elongation (Longitudinal)	≥3 ≤100	360 to 510	EN 10025-1 :2004
	Nominal Thickness (mm)	Values Min. (% , 5.65√s ₀)	
	≥3 ≤40	26	
Impact Strength (Longitudinal)	>40 ≤63	25	EN 10025-1 :2004
	JR	27J at +20°C	
Weldability CEV	Nominal Thickness (mm)	Values Max (%)	EN 10025-1 :2004
	≤30	0.35	
	>30 ≤40	0.35	
	>40 ≤150	0.38	
Durability (Chemical Composition)	Nominal Thickness (mm)	Values Max (%)	EN 10025-1 :2004
	≤16	C: 0,17	
	>16 ≤40	C: 0,17	
	>40	C: 0.20	
		Mn: 1,40 P: 0,035 S: 0,035 N: 0,012 Cu: 0,55	



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 P.O. Box 50177, Building 277, Road 17, Block 117, Hidd Industrial Area, Kingdom of Bahrain www.sulb.com 14 EC Certificate of Factory Production Control 1035-CPR-ES059070
EN 10025-1:2004 Hot Rolled Structural Steel Section S235JR / 1.0038 To be used in metal structures or in composite metal and concrete structures Declaration of Performance: SULB-BH-S235JR Yield Strength Tensile Strength Elongation Impact Strength Weldability Durability } EN10025-2 Regulated Substance : No Performance Determined