

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

**DoP Number**

SULB-BH-S235J2

**Product Identification Code**

Hot Rolled Structural Steel Section S235J2 / 1.0117

**Product Type**

Section S235J2 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  
Poligono 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 <sub>0</sub> )	
	≥3 ≤40	24	
Impact Strength (Longitudinal)	>40 ≤63	23	EN 10025-1 :2004
	J2	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: 0.17	
		Mn: 1,40 P: 0,025 S: 0,025 Cu: 0,55	



 1035
 P.O. Box 50177, Building 277, Road 17, Block 117, Hidd Industrial Area, Kingdom of Bahrain www.sulb.com  <b>14</b> EC Certificate of Factory Production Control 1035-CPR-ES059070
<b>EN 10025-1:2004</b> Hot Rolled Structural Steel Section S235J2 / 1.0117 To be used in metal structures or in composite metal and concrete structures Declaration of Performance: SULB-BH-S235J2 Yield Strength Tensile Strength Elongation Impact Strength Weldability Durability } EN10025-2 Regulated Substance : No Performance Determined