



**DECLARATION OF PERFORMANCE
N° SISE01CE**

- Name and identification code
Hot rolled steel bars for structures, types S275/355 and grade JR/J0/J2
- Name and address of the producer
Siderúrgica Sevillana, S.A., Autovía Sevilla Málaga Km. 6, 41500 Alcalá de Guadaira (Sevilla)
- To be used in
Welded, bolted and riveted structures
- System of assessment and verification of constancy of performance: 2+
- Notified factory production control certification body
AENOR, n° 0099
System of assessment and verification of constancy of performance of the product 2+
Certificate of conformity of the factory production control number 0099/CPR/A81/0006, issued 10/01/2006

6. Declared performance

Essential Characteristic	Performance								Harmonised technical specification		
Tolerances on dimensions and shape	EN 10056-2		Equal Angle						EN 10025-1:2004		
	EN 10058		Flat bars								
	EN 10059		Square bars								
	EN 10060		Round bars								
Elongation (%)	Acc. to type and grade		Acc. to nominal thickness (mm)								
			>=3<=40			>40					
	S275JR		23			22					
	S355JR/J0/J2		22			21					
Tensile strength (MPa)	Según tipo y grado										
	S275JR		410 a 560								
	S355JR/J0/J2		470 a 630								
Yield strength (MPa)	Acc. to type and grade		Acc. to nominal thickness (mm)								
			<=16			>16<=40					
	S275JR		275			265					
	S355JR/J0/J2		355			345					
Impact strength (Julios)	Acc. to type and grade		Temperature (°C)			Nominal thickness <=150 mm					
	S355J0		0			27					
	S355J2		-20			27					
Weldability (chemical composition)	Acc. to type and grade		CEV máx. (%) acc. to nominal thickness (mm)								
			<=30			>30<=40					
	S275JR		0,40			0,40					
Durability (chemical composition)	Acc. to type and grade		C % máx	Si %máx	Mn %máx	P %máx	S %máx	N %máx	Cu %máx		
											<=40
	S275JR		0,24	0,25	---	1,60	0,045	0,045	0,014		0,60
	S355JR		0,27	0,27	0,60	1,70	0,045	0,045	0,014		0,60
	S355J0/J2		0,23	0,24	0,60	1,70	0,035	0,035	0,014		0,60

The performance of the product identified in point 1 is in conformity with the declared performance in point 6.

This declaration of performance is issued, R (UE) 305/2011; under the sole responsibility of the manufacturer identified in point 2.

Carlos Sánchez Fransesch

Quality manager

Alcalá de Guadaíra, 30 November 2018