



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	
S355JR/J0/J2				0,45			0,47		
Durability (chemical composition)	Acc. to type and grade	C % máx		Si %máx	Mn %máx	P %máx	S %máx	N %máx	Cu %máx
		<=40	>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