

## DECLARATION OF PERFORMANCE

DoP/EN10219/02

### 1. Name and identification code:

Hollow steel section  
 CFSHS – EN 10219

### 2. Type, lot or serial number:

Shape of cross-sections	Dimensions	Steel designation
<i>Circular – CHS (RE)</i>	<i>Diameter up to 323.9 mm Thickness up to 12.5 mm</i>	<i>S235JRH, S275J0H, S275J2H, S355J0H, S355J2H</i>
<i>Square – RHS (CU)</i>	<i>Up to 260 x 260 mm Thickness up to 12.5 mm</i>	<i>S235JRH, S275J0H, S275J2H, S355J0H, S355J2H</i>
<i>Rectangular – RHS (RC)</i>	<i>Up to 300 x 220 mm Thickness up to 12.5 mm</i>	<i>S235JRH, S275J0H, S275J2H, S355J0H, S355J2H</i>

### 3. Designed use:

In metal structures or in metal and concrete mixed structures

### 4. Name and address of manufacturer

CONDESA FABRIL, S.A.  
 Ctra. Bergara por Urbina kn14  
 01171 Legutiano (Alava)

### 5. Name and address of contact person at authorised representative:

NDP

### 6. System for Evaluation and verification of performances constancy:

System 2+

### 7. Notified Body:

AENOR (Spanish Association for Standardisation and Certification), number OC-P/137, has certified the manufacturing production control system on the basis of an initial control of the factory and of the manufacturing production control system and of ongoing surveillance, evaluation and approval of the manufacturing production control system, according to the 2+ evaluation system, issuing the certificate of conformity 0099/CPD/A81/0012 with date of concession 10/07/2007.

### 8. Technical Evaluation Body:

NDP

### 9. Declared performances:

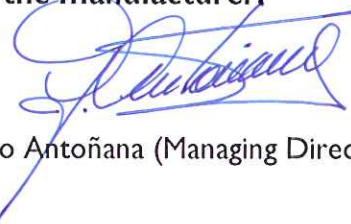
Essential features	Performances				Harmonised technical specifications
Dimensional and shape tolerances	Meets EN 10219-2:2006, chapter 6				EN 10219-1:2006
Elongation	Steel	Minimum elongation (A)			
	S235JRH	24 % (a)			
	S275J0H	20 % (a)			
	S275J2H				
	S355J0H				
	S355J2H				
(a) For thicknesses > 3mm and profile sizes $D/T < 15$ (circular section) and $(B+H)/2T < 12.5$ (square and rectangular section), the minimum elongation is reduced by 2 units. For thicknesses $\leq 3$ mm, the minimum elongation values is 17%. (b) For thicknesses of profile sizes $D/T < 15$ (circular section) and $(B+H)/2T < 12.5$ (square and rectangular section), the minimum elongation is reduced by 2 units.					
Yield and tensile resistance strength	Steel	Min. Yield strength ( $R_{eH}$ )	Tensile resistance strength ( $R_m$ )		
		Thickness $\leq 16$ mm	Thickness < 3mm	Thickness $\geq 3$ mm	
	S235JRH	235 MPa	360-510 MPa	360-510 MPa	
	S275J0H	275 MPa	430-580 MPa	410-560 MPa	
	S275J2H				
	S355J0H	355 MPa	510-680 MPa	470-630 MPa	
S355J2H					
Impact testing	Steel	minimum breakage energy upon impact			
		Test temperature			
		-20 °C	-0 °C	20 °C	
	S235JRH (a)	-	-	27 J	
	S275J0H (a)	-	27 J	-	
	S275J2H	27 J	-	-	
	S355J0H (a)	-	27 J	-	
	S355J2H	27 J	-	-	
Impact tests are not necessary for nominal thicknesses of < 6mm. (a) The impact testing characteristics are only verified if option 1.3 has been specified.					
Weldability	Meets article 6.6, 6.8.1 and table A.2.				
Durability	Meets article 6.8.2				

**10. The performances of the product identified in points 1 and 2 are in conformity with the performance declared in point 9.**

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**This declaration of performances is issued under the sole responsibility of the manufacturer indicated in point 4.**

**Signed for and on behalf of the manufacturer;**



Gustavo Antoñana (Managing Director)

Legutiano, 26th June 2013