

DECLARATION OF PERFORMANCE N° DoP/EN 10219/16

1. Name and identification code :

Steel hollow section, according to EN 10219-1 & 2 : 2006

2. Type, lot or serial number of construction product :

Shape of cross-sections	Dimensions	Steel designation
Circular - CFCHS	Diameter 12,7 to 219 mm Thicknees 0,70 to 8,0 mm	S235JRH, S275JOH, S275J2H, S355JOH, S355J2H, S355K2H
Square - CFRHS	Diameter 10x10 to 175x175 mm Thicknees 0,70 to 8,0 mm	S235JRH, S275JOH, S275J2H, S355JOH, S355J2H, S355K2H
Rectangular - CFRHS	Diameter 15x10 to 200x150 mm Thicknees 0,70 to 8,0 mm	S235JRH, S275JOH, S275J2H, S355JOH, S355J2H, S355K2H

3. Designed use :

In metal structures or in metal and concrete mixed structures

4. Name and address of manufacturer :

YÜCEL BORU VE PROFİL END.A.Ş.
Barış mah. Koşuyolu cad. No:12 41400
Gebze/Kocaeli-TÜRKİYE

5. Name and address of contact person at authorised representative

Not applicable

6. System for Evaluation and verification of performances constancy :

System 2+

7. Notified body (here EN 10219-1 & 2 : 2006) :

SZUTEST TEKNİK KONTROL VE BELG. HİZ. TİC. LTD. ŞTİ (NB 2195) has performed conformity assesment under system 2+ and issued an EC CERTIFICATE OF FACTORY PRODUCTION CONTROL certificate with the number 2195-CPD-1200301

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued :

Not applicable



BORU ve PROFİL ENDÜSTRİSİ A.Ş.

YÜCEL BORU ve PROFİL ENDÜSTRİSİ A.Ş.

MERKEZ : Rıhtım Cad. No:44 34710 Kadıköy / İSTANBUL Tel:(0.216) 418 10 00 (pbx) Faks: (0.216) 338 26 70-(0.216) 349 58 72
GEBZE FABRİKA : Barış Mah. Koşuyolu Cad. 1801 Sokak No:12 41400 Gebze / KOCAELİ Tel: (0.262) 648 68 00 Faks: (0.262) 644 46 79
DÖRTYOL FABRİKA: Özerli Mah. Alparslan Türkeş Bulvarı No:348 Dört Yol/HATAY Tel: (0.326) 718 15 70 (pbx) Faks: (0.326) 718 15 89
www.yucelboru.com.tr

9. Declared performances :

Essential features	Performance				Harmonised technical specifications
Dimensional and shape tolerances	Accorording to EN 10219-1 & 2 : 2006, chapter 6				EN 10219-1 & 2 : 2006
Elongation	Steel grades		Minimal elongation (A)		
	S235JRH		24%		
	S275JOH		20%		
	S275J2H		20%		
	S355JOH		20%		
	S355J2H		20%		
	S355K2H		20%		
	Steel grades	Minimal Yield strength (ReH)	Tensile resistance strength (Rm)		
		Thickness ≤ 16 mm	Thickness < 3 mm	Thickness ≥ 16 mm	
	S235JRH	235 Mpa	360-510 Mpa	340-470 Mpa	
	S275JOH	275 Mpa	430-580 Mpa	410-560 Mpa	
	S275J2H	275 Mpa	430-580 Mpa	410-560 Mpa	
	S355JOH	355 Mpa	510-680 Mpa	490-630 Mpa	
	S355J2H	355 Mpa	510-680 Mpa	490-630 Mpa	
	S355K2H	355 Mpa	510-680 Mpa	490-630 Mpa	
	Impact testing	Steel grades	Minimal breackage energy upon impact KV (standard samples 10 mm)		
Test temperature					
-50°C			-20°C	0°C	20°C
S235JRH		-	-	-	27 J
S275JOH		-	-	27 J	-
S275J2H		-	-	27 J	-
S355JOH		-	-	27 J	-
S355J2H		-	27 J	-	-
S355K2H		-	40 J	-	-
Choc flexion tests are not necessary for nominal thicknesses of < 6 mm. flexion test characteristic for reduced samples, see (6.7.2 of EN 10219-1 : 2006)				For the	
Weldability	Conform with chapter 6.6, 6.8.1 and tables A.2 et B.3 of EN 10219-1 : 2006				
Durability	Conform with article 6.8.2 of EN 10219-1 : 2006				





BORU ve PROFİL ENDÜSTRİSİ A.Ş.

YÜCEL BORU ve PROFİL ENDÜSTRİSİ A.Ş.

MERKEZ : Rıhtım Cad. No:44 34710 Kadıköy / İSTANBUL Tel:(0.216) 418 10 00 (pbx) Faks: (0.216) 338 26 70-(0.216) 349 58 72
GEBZE FABRİKA : Barış Mah. Koşuyolu Cad. 1801 Sokak No:12 41400 Gebze / KOCAELİ Tel: (0.262) 648 68 00 Faks: (0.262) 644 46 79
DÖRTYOL FABRİKA: Özerli Mah. Alparslan Türkeş Bulvarı No:348 Dört Yol/HATAY Tel: (0.326) 718 15 70 (pbx) Faks: (0.326) 718 15 89
www.yucelboru.com.tr

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

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Name and fonction

Date and place

Signature

Hansin BAŞARAN
Factory Manager

Gebze/Kocaeli/TÜRKİYE
17.07.2013

Yücel Boru ve Profil Endüstrisi
Anonim Şirketi



2195
YP1-F4/10.09.12