



YÜCEL

BORU ve PROFİL ENDÜSTRİSİ A.Ş.

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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

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 :

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Barış mah. Koşuyolu cad. No:12 41400
Gebze/Kocaeli-TÜRKİYE

5. Name and address of contact person at authorised representative

Not applicaple

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 applicaple





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9. Declared performances :

Essential features	Performance			Harmonised technical specifications	
Dimensional and shape tolerances	According 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%			
Impact testing	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 breakage 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. For the flexion test characteristic for reduced samples, see (6.7.2 of EN 10219-1 : 2006)					
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				



YP1-F4/10.09.12



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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

Hansın BAŞARAN
Factory Manager

Gebze/Kocaeli/TÜRKİYE
17.07.2013

Yücel Boru ve Profil Endüstrisi
Anonim Şirketi



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YP1-F4/10.09.12