

A04



A02 Inspection certificate EN 10204 / 3.1

A05 **HUS LTD.**

A01 **HUS LTD**
1 Industrialna Str.
3600 Lom, Bulgaria

B01 Cold formed welded structural hollow sections of non-alloy and fine grain steels according EN 10219-2:2006

A08	Order №
A06	Customer SZATMARI KFT
A07	Invoice № 3130025425

B02	EN 10219-1 S235JRH	B10	length 6000 mm.
B09	CFRHS		option 1.1 ; 1.4
B09			

B07		B08	10 008 m.
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B12 B13

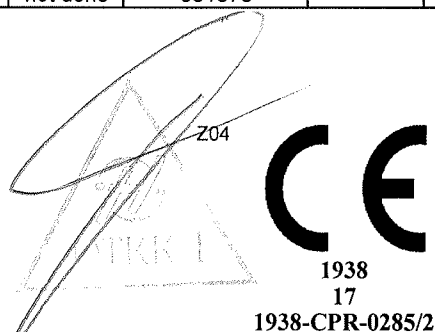
B09	CFRHS 40x40x2	B10		B08	600 m.	B13		B06	0001556720989	B07	97697000
B09	CFRHS 40x40x2	B10		B08	600 m.	B13		B06	0001532362989	B07	L097704000
B09	CFRHS 40x40x2	B10		B08	600 m.	B13		B06	0001387568989	B07	1070990
B09	CFRHS 40x40x2	B10		B08	600 m.	B13		B06	0001386148989	B07	1070990
B09	CFRHS 40x40x2	B10		B08	600 m.	B13		B06	0001387639989	B07	1059749
B09	CFRHS 40x40x2	B10		B08	600 m.	B13		B06	0000874957989	B07	834896
B09	CFRHS 40x40x2	B10		B08	600 m.	B13		B06	0001497377989	B07	22578
B09	CFRHS 40x40x2	B10		B08	600 m.	B13		B06	0001109824989	B07	350706552
B09	CFRHS 40x40x2	B10		B08	600 m.	B13		B06	0001409140989	B07	1069650
B09	CFRHS 40x40x2	B10		B08	600 m.	B13		B06	0001986095989	B07	46830-13
B09	CFRHS 40x40x2	B10		B08	600 m.	B13		B06	0001765947989	B07	418594-3
B09	CFRHS 40x40x2	B10		B08	600 m.	B13		B06	0000299506999	B07	9D73131
B09	CFRHS 40x40x2	B10		B08	600 m.	B13		B06	0001409426989	B07	127345A00
B09	CFRHS 40x40x2	B10		B08	600 m.	B13		B06	0001240367989	B07	1068356
B09	CFRHS 40x40x2	B10		B08	600 m.	B13		B06	0001281137989	B07	1070043
B09	CFRHS 40x40x2	B10		B08	600 m.	B13		B06	0001002961989	B07	835647
B09	CFRHS 70x70x3	B10		B08	216 m.	B13		B06	0002215142989	B07	433865-13
B09	CFRHS 100x50x5	B10		B08	192 m.	B13		B06	0002099727989	B07	425120-10

[illegible]

B07 Mechanical properties										
Heat №	C00	C03	C11	C12	C13	C14	C42	C50	C70	C71
	Test №		ReH MPa	Rm MPa	A %	ReH/Rm	Impact test	Certificate №		
LU69931	97697000		287	395	33		not done	15174440-40		
LU69930	L097704000		275	405	35		not done	15174440-40		
016048A02	1070990		290	409	29		not done	7047-1		
016048A02	1070990		290	409	29		not done	7047-1		
Y61800496	1059749		267	391	33		not done	7047-1		
Y930802	834896		280	399	34		not done	386279		
818228A06	22578		285	420	32		not done	4513-1		
20112029	350706552		299	409	26		not done	827711		
035728B02	1069650		295	410	29		not done	7047-1		
113029	46830-13		270	395	33		not done	554908		
711483	418594-3		280	380	31		not done	540584		
155419	9D73131		297	416	32		not done	54462		
JA09108	127345A00		270	401	31		not done	15149777-620		
035614B02	1068356		295	431	31		not done	7056 -1		
Y61800457	1070043		260	370	29		not done	7056-1		
Y931063	835647		280	390	33		not done	387389		
1011662-9	433865-13		290	405	36		not done	567443		
1021480	425120-10		279	407	39		not done	551573		

D02 Non-destructive testing - passed.

Z02 Z03 Director Branch Lom
 N.Dechev
Date 09.04.2022
www.husltd.com Seal HUS LTD.



A05 AA

D01 The test has been performed on the provided products and the results are satisfactory.

Z01 The producer declares that the product is according to the customer's order.

Z05 Without any post heat treatment; with shape, dimensions and tolerances according EN 10219-2; performance characteristics according appendix ZA.1 of the product standart. Function - for steel structures and combined steel and reinforced concrete structures.

Z06 Claims are allowed within 14 days from product receipt. In order to consider a claim, the customer must provide a quality inspection control document and a marking on the claimed goods. Claims associated with unloading and storage of the goods will not be accepted.

Z07 Declaration of performance №3130025425 HUS CFRHS S235JRH /2022

Declaration of performance

Annex III Regulation (EU) № 305/2011

№ 3130025425 HUS CFRHS S235JRH /2022

1. **Unique identification code of the product type:** CFRHS – S235JRH
2. **Intended use/es:** Cold formed welded structural hollow section of non-alloy and fine grain steel, without subsequent heat treatment, shape dimensions and tolerances in accordance with БДС EN 10219-2:2006. Applied for load-bearing structural construction works (construction works covers building and civil engineering works).
3. **Manufacturer:** HUS Ltd
4027 Plovdiv, Bulgaria, 64A Plovdiv Sever Str.
HUS Ltd Manufacturing plant
3600 Lon, Bulgaria, 1 Industrialna Str.
www.husltd.com
4. **Authorized representative:** Not relevant
5. **System/s or AVCP:** System 2+
- 6 a. **Harmonised standard:** EN 10219-1:2006
Notified body Институт по механика-БАН, A person for assessment of conformity of construction products license № CPR 02-NB 1938/24.02.2014 на МРРБ. Identification number 1938 from EC register.
- 6 b. **European Assessment Document:** Nor relevant (see 6a)
European Technical Assessment (ETA):

7. Declared performances:

Essential characteristics	Performance	Harmonised technical specification
Tolerance on dimensions and shape	Correspond	БДС EN 10219-2:2006 item 6.
Material grade – Steel S235JRH , number 1.0039		
Elongation A^d , %	Specified thickness , mm	БДС EN 10219-1:2006 item 6.7.1 table A.3
	≤3	
	>3 ≤10	
Tensile strength R_m , MPa	Specified thickness , mm	БДС EN 10219-1:2006 item 6.7.1 table A.3
	≤3	
	>3 ≤10	
Yield strength R_{eH} , MPa	Specified thickness , mm	БДС EN 10219-1:2006 item 6.7.1 table A.3
	≤3	
	>3 ≤10	
Weld ability (Chemical composition)	CEV ≤0,35	БДС EN 10219-1:2006 item 6.6.table A.2 and item 6.8.1.
	≥ 235	
	≥ 235	
Impact strength, J	Specified thickness , mm	БДС EN 10219-1:2006 item 6.7.2 table A.3
	<6	
	≥6 ≤10	
Durability	NPD	БДС EN 10219-1:2006 item 6.8.2, table ZA.1
	NPD	
	NPD	

^d For thicknesses < 3 mm see 9.2.2

¹ For thicknesses > 3 mm and section sizes (B+H)/2T <12,5 the minimum elongation is reduced by 2.

8. Appropriate Technical Documentation and/or Specific Technical Documentation: Standart EN-10219-1/2:2006.

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation EU 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Lom, April 9, 2022

Director Branch Lom, N.Dechev

Information about the environment and safety (REACH)

Products are article within the meaning of Article 3 of the EU regulation № 1907/2006 REACH. The products do not contain substances which can be released from the device under normal and foreseeable conditions of use.

INSTRUCTIONS FOR USE

COLD FORMED STRUCTURAL HOLLOW SECTIONS OF NON-ALLOY AND FINE GRAIN STEELS

1. Application

The sections are suited for metal and reinforced concrete constructions.

2. Instructions for design and use

The following should be noted when designing, choosing the properties and the application of the section in any metal or reinforced concrete construction:

- Size of the section
- Steel grade / chemical composition and physical properties/,
- Weight of one linear meter.

3. Packing

The sections are arranged in bundles fully lined with a maximum weight of 4 000 kg. The bundle is covered on 7 places with metal packaging tape.

4. Marking

Each package bears a label with barcode and information about the size and number of sections in the package, the total length of the packet.

5. Transportation and unloading

Recommended way of transportation - covered transportation vehicles with general purpose which prevent direct climate impact.

An inspection is to be made during loading/unloading stage to confirm that packing and packing strips are present and unharmed. When these are torn and missing any loading/unloading and transportation is to be resumed only after repairing the same.

6. Storage

Store in indoor dry storage areas.

7. Operational Safety

The company's instructions and regulations on safety are to be observed when working with hollow sections. Loading and unloading can be carried out by qualified persons with faulty equipment and personal protective equipment.

8. Waste and environmental protection

The non-utilized remains as a result of the intended use of the hollow sections are to be stored and used for auxiliary work or to be submitted for scrap.

The raw material – a metal sheet and the produced cold formed structural hollow sections do not contain any substances harmful to human health, are non-toxic and do not pollute the environment.

April 2022