

(according to regulation EU No 305/2011)
No. CPD-142/08/02/07/0

1) Product type: Hot finished structural hollow sections of non-alloy and fine grain steels

2) Type: S235JRH 1.0039 acc. to EN 10210

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

3) Borusan Mannesmann Boru A.Ş

Meclisi Mebusan Cad. No: 37 34427 Salipazarı / İstanbul Turkey +90 212 393 58 00 in factory Ata Mah. Sanayi Cad. No: 54/68 16601 Gemlik/Bursa Turkey

System of assessment and verification of constancy of performance of the product:

System 2+

www.borusanmannesmann.com

Notified factory production control certification body No. 1017
TÜV SÜD Czech s.r.o performed the initial inspection of the
manufacturing plant and of factory production control and thecontinuous surveillance,
assessment, and evaluation of factoryproduction control and issued the certificate of
conformity of the factory production control.

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed forand on behalf of the manufacturer by

Akın Eren

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Secondia	Eccential Characteristic		7		Harmonised Tecl
			76110	Leitotillance	Spec.
Tolerances	Outside dimensions	sions	2		
ē	Thickness	8 2			
	Out of Roundness	ess			
	Concavity				
	Squerness of side	de	Ta	Table 2	
,	External corner profile	profile			
8	Twist				EN 10210-2
	Straightness				bi i awaa
8	Mass		***		
	Random Length	7			
	Apporoximate Length	ength	T _a	Table 4	
	Exact Length				·.
	Maximum weld	bead height	Ta	D D	
Viold strangth	Nominal Thickness (mm)	pean neight	131	lable 5	
rieid strength	IN INDITION	Nominal Inickness (mm)	Values	Values (N/mm²)	
52	Y	M	2	min	
		16	2	235	
Tensile strength	Nominal Thi	Nominal Thickness (mm)	Values	Values (N/mm²)	
		٨	min	max	
		w	360	510	
2	V.	IA			
	8	100	360	510	
Elongation	Nominal Thi	Nominal Thickness (mm)	Value	Values (%)	
	>	IA	n.	min	
		40		26	
Impact strength	Test Temperature (°C)	erature (°C)	Min. v	Min. value (J)	
	2	20	h.	27	FN T0270-T
Weldablity	Nominal Thickness (mm)	ckness (mm)	Value	Values (%)	
	٧	IA.	w	max	
- Y		16	,0	0,37	
Durability	Nominal Thickness (mm)	ckness (mm)	Value	Values (%)	
(Chemical composition)	. >	M	m	max	
	th.		C: 0,27	Si:-	
		40	Mn: 1,40 S: 0,045	P:0,045 N*:0,009	
	*: The max value	*: The max value of nitrogen does not apply if the chemical	es not apply if t	he chemical	
	sufficent other N	sufficent other N binding elements are present.	nts are present.	OI 760,020 OF II	
		The second name of the second na			



(according to regulation EU No 305/2011)

1) Product type: Hot finished structural hollow sections of non-alloy and fine grain steels

2) Type: S275J0H 1.0149 acc. to EN 10210

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

3) Borusan Mannesmann Boru A.Ş

Meclisi Mebusan Cad. No: 37 34427 Salıpazarı / İstanbul Turkey +90 212 393 58 00 in factory Ata Mah. Sanayi Cad. No: 54/68 16601 Gemlik/Bursa Turkey

System of assessment and verification of constancy of performance of the product:

System 2+

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Akın/Eren

								. C	5																	•	:							
			(Chemical composition)	Durability	A STATE OF THE STA		Weldablity		Impact strength		×	Elongation			2		Tensile strength			Yield strength					•	223				х			Tolerances	Essentia
*: The max value of nitrogen does not apply if the chemical composition shows a minimum total AI content of %0,020 or if sufficent other N binding elements are present.		25	٧	Nominal Thickness (mm)		٧	Nominal Thickness (mm)	0	Test Temperature (°C)		٧	Nominal Thickness (mm)	w	IV			Nominal Thickness (mm)		V	Nominal Thickness (mm)	Maximum weld bead height	Exact Length	Apporoximate Length	Random Length	Mass	Straightness	Twist	External corner profile	Squerness of side	Concavity	Out of Roundness	Thickness	Outside dimensions	Essential Characteristic
e of nitrogen doe ws a minimum t I binding elemen	40		IA .	ckness (mm)	16	И	ckness (mm)		rature (°C)	40	IA	ckness (mm)	100	IA	3	٨	ckness (mm)	16	M	ckness (mm)	bead height		ength				21	profile	in	is a second	525	2	ions	
es not apply if th otal Al content of the are present.	Mn:1,50 S:0,035	C-020	max	Values (%)	0,41	max	Values (%)	27	Min. value (J)	23	min	Values (%)	410		430	min	Values (N/mm²)	275	3	Values (N/mm²)	Table 5		Table 4						Tab					Perfor
ne chemical of %0,020 or if	P:0,035 N*:0,009	2:	X	s (%)	11	ЭX	s (%)	7	alue (J)	w	5	s (%)	560		580	max	N/mm²)	75	min	N/mm²)	le 5		le 4						Table 2					Performance
								TOTTO-T	EN 10310-1													u		151			EN 10210-2							Harmonised Tech. Spec.



(according to regulation EU No 305/2011)
No. CPD-142/08/02/07/0

1) Product type: Hot finished structural hollow sections of non-alloy and fine grain steels

2) Type: S275J2H 1.0138 acc. to EN 10210

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

3) Borusan Mannesmann Boru A.Ş

Meclisi Mebusan Cad. No: 37 34427 Salıpazarı / İstanbul Turkey +90 212 393 58 00 in factory Ata Mah. Sanayi Cad. No: 54/68 16601

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Gemlik/Bursa Turkey

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)			10170	Spec.
Tolerances	Outside dimensions	ions			
	Thickness				
	Out of Roundness	255			
7 2	Concavity				
9	Squerness of side	in in	Table 2	le 2	
	External corner profile	profile			F1
	Twist				EN 10210-2
manahan	Straightness	3			
	Mass			-	
	Random Length				
	Apporoximate Length	ength	Table 4	e 4	¥
	Exact Length				
	Maximum weld bead height	bead height	Table 5	le 5	
Yield strength	Nominal Thickness (mm)	ckness (mm)	Values (N/mm²)	N/mm²)	
	*	N	min	'n	
		16	275	75	
Tensile strength	Nominal Thickness (mm)	ckness (mm)	Values (N/mm²)	N/mm²)	
		٨	min	max	
2	30	w	430	580	
100 100	IV	IA.			
-	w	100	410	560	
Elongation	Nominal Thickness (mm)	ckness (mm)	Values (%)	s (%)	
	٧	М	min	'n	
	a a	40	23	w	
Impact strength	Test Temperature (°C)	rature (°C)	Min. value (J)	due (J)	n
	-20	20	27	7	T.OTTOT NIS
Weldablity	Nominal Thickness (mm)	ckness (mm)	Values (%)	s (%)	
-1	٧	М	max	ax .	
		16	0,41	Ħ	
Durability	Nominal Thickness (mm)	ckness (mm)	Values (%)	s (%)	
(Chemical composition)		М	max	ЭX	
×			C: 0,20	<u>s</u> :-	
		40	Mn: 1,50	P:0,030	
	9				
	": The max value of nitrogen does not apply if the chemical composition shows a minimum total Al content of %0,020 or if	e of nitrogen doo ws a minimum t	es not apply if thotal Al content	ne chemical of %0,020 or if	
	sufficent other N binding elements are present.	l binding elemen	nts are present.		
The state of the s					



(according to regulation EU No 305/2011) No. CPD-142/08/02/07/0

1) Product type: Hot finished structural hollow sections of non-alloy and fine grain steels

2) Type: S355J0H 1.0547 acc. to EN 10210

with the applicable harmonised technical specification, as foreseen by the manufacturer: Intended use or uses of the construction product, in accordance

3) Borusan Mannesmann Boru A.Ş

Ata Mah. Sanayi Cad. No: 54/68 16601 Meclisi Mebusan Cad. No: 37 34427 Salıpazarı / İstanbul Turkey Gemlik/Bursa Turkey +90 212 393 58 00 in factory

System of assessment and verification of constancy of performance of the product: System 2+

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manufacturing plant and of factory production control and thecontinuous surveillance, assessment, and evaluation of factoryproduction control and issued the certificate of Notified factory production control certification body No. 1017 TÜV SÜD Czech s.r.o performed the initial inspection of the conformity of the factory production control.

The performance of the product identified in points 1 and 2 is in conformity with the declararesponsibility of the manufacturer identified in point 3. Signed forand on behalf of the performance in the table. This declaration of performance is issued under the sole manufacturer by

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Essentia	Essential Characteristic		Perfo	Performance
Tolerances	Outside dimensions	sions		
	Thickness			
	Out of Roundness	ess		
ja	Concavity			
	Squerness of side	de	Tak	Table 2
5	External corner profile	profile		
	Twist			
	Straightness		i.	
	Mass			
z.	Random Length			
	Apporoximate Length	ength	Tak	Table 4
	Exact Length			
	Maximum weld bead height	bead height	Tab	Table 5
Yield strength	Nominal Thi	Nominal Thickness (mm)	Values (N/mm²)	N/mm²)
		M	Ju .	min
200		. 16	ω	355
Tensile strength	Nominal Thi	Nominal Thickness (mm)	Values (N/mm²)	N/mm²)
		٨	min	max
		ω	015	680
	עו	iA.		
	ω	100	470	630
Elongation	Nominal Thi	Nominal Thickness (mm)	Values (%)	rs (%)
	٧	М	w	min
		40	22	2
Impact strength	Test Temperature (°C)	erature (°C)	Min. value (J)	alue (J)
	,	0	. 27	7
Weldablity	Nominal Thi	Nominal Thickness (mm)	Values (%)	s (%)
	٧	IA	xem	ax
		16	0,45	\$5
Durability	Nominal Thi	Nominal Thickness (mm)	Values (%)	s (%)
(Chemical composition)	٧	М	max	ax
			C: 0,22	Si: 0,55
	š	40	Mn:1,60 S:0,035	P:0,035 N*:0,009
	*: The max value	The max value of nitrogen does not apply if the chemical	s not apply if the	ne chemical
	sufficent other N	sufficent other N binding elements are present.	its are present.	01 760,020 01 11
	CONTRACTOR OF THE PROPERTY OF THE PERSON OF	AND PASSED IN COLUMN TWO IS NOT THE OWNER.		



(according to regulation EU No 305/2011) No. CPD-142/08/02/07/0

1) Product type: Hot finished structural hollow sections of non-alloy and fine grain steels

2) Type: S355J2H 1.0576 acc. to EN 10210

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacture

3) Borusan Mannesmann Boru A.Ş

Meclisi Mebusan Cad. No: 37 34427 Salipazarı / İstanbul Turkey +90 212 393 58 00 in factory Ata Mah. Sanayi Cad. No: 54/68 16601 Gemlik/Bursa Turkey www.borusanmannesmann.com

System of assessment and verification of constancy of performance of the product:

System 2+

Notified factory production control certification body No. 1017
TÜV SÜD Czech s.r.o performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance assessment, and evaluation of factoryproduction control and issued the certificate of conformity of the factory production control.

The performance of the product identified in points 1 and 2 is in conformity with the declar performance in the table. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed forand on behalf of the manufacturer by

Aldn/Eren Manager

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		-		(Chemical composition)	Durability		ı	Weldablity		Impact strength			Elongation			20		Tensile strength			Yield strength													Tolerances	Essentia
*: The max value composition sho sufficent other N			L ₀	٧	Nominal Thickness (mm)		٧	Nominal Thickness (mm)	-20	Test Temperature (°C)		٧	Nominal Thickness (mm)	w	IV			Nominal Thickness (mm)		v	Nominal Thickness (mm)	Maximum weld bead height	Exact Length	Apporoximate Length	Random Length	Mass	Straightness	Twist	External corner profile	Squerness of side	Concavity	Out of Roundness	Thickness	Outside dimensions	Essential Characteristic
*: The max value of nitrogen does not apply if the chemical composition shows a minimum total AI content of %0,020 or if sufficent other N binding elements are present.		40		M	ckness (mm)	16	M	ckness (mm)	20	erature (°C)	40	М	ckness (mm)	100	IA	æ	٨	ckness (mm)	16	M	ckness (mm)	bead height		ength		i.			profile	in		525		ions	
es not apply if th total Al content on the are present.	2:0,050	Mn: 1,60	C: 0,22	max	(%) Values	0,45	max	Values (%)	27	Min. value (J)	22	min	Values (%)	470		510	min	Values (N/mm²)	355	min	Values (N/mm²)	Table 5		Table 4						Table 2					Performance
e chemical of %0,020 or if	N.	P: 0,030	Si: 0,55	×	s (%)	is	×	s (%)	7	lue (J)	2	ס	s (%)	630		680	max	V/mm²)	S	2	V/mm²)	e S		0.4						B 2					nance
									F14 F05 F0	EN 10010-1																		EN 10210-2							Harmonised Tech. Spec.



(according to regulation EU No 305/2011) No. CPD-01.242.834/10/02/07/0

1) Product type: Welded Structural Hollow Sections of Non-Alloy And Fine Grain Steels

2) Type: S235JRH 1.0039 acc. to EN 10219-1

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

3) Borusan Mannesmann Boru A.Ş

Meclisi Mebusan Cad. No: 37 34427 Salıpazarı / İstanbul Turkey +90 212 393 58 00 in factory Ata Mah. Sanayi Cad. No: 54/68 16601

www.borusanmannesmann.com

Gemlik/Bursa Turkey

System of assessment and verification of constancy of performance of the product: System 2+

Notified factory production control certification body No. 1017
TÜV SÜD Czech s.r.o performed the initial inspection of the manufacturing plant and of factory production control and thecontinuous surveillance, assessment, and evaluation of factoryproduction control and issued the certificate of conformity of the factory production control.

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*: The max value of nitrogen does not apply if the chemical composition shows a minimum total AI content of %0,020 or if sufficent other N binding elements are present.	**************************************		(Chemical composition)	Durability Nominal Thickness (mm)	40	n	Weldability Nominal Thickness (mm)		Impact strength Test Temperature (°C)	40	IA	Slongation Nominal Thickness (mm)	3 40	BV Bh	w	A	Tensile strength Nominal Thickness (mm)	16 40	16	Y	Yield strength Nominal Thickness (mm)	Maximum weld bead height	Exact Length	Apporoximate Length	Random Length	Mass	Straightness	Twist	External corner profile	Squerness of side		Concavity	Out of Roundness	Tolerances Outside dimensions
ot apply if th Al content or are present.	S: 0,045	C: 0,17	max	Values (%)	0,35	max	Values (%)	27	Min. value (J)	24	min	Values (%)	340		360	min	Values (N/mm²)	225	235	min	Values (N/mm²)	Table 5		Table 4						Table 2	1			
e chemical of %0,020 or if	N*: 0,009	.: N	×	(%)	V.	×	(%)		lue (J)		3	(%)	470		510	max	√mm²)	5	5	ס	ا/mm²)	e S		0.4		34				e 2	,			
			9						EN 10219-1																			EN 10219-2						



(according to regulation EU No 305/2011) No. CPD-01.242.834/10/02/07/0

1) Product type: Welded Structural Hollow Sections of Non-Alloy And Fine Grain Steels

2) Type: S275J0H 1.0149 acc. to EN 10219-1

with the applicable harmonised technical specification, as foreseen by the manufacturer: Intended use or uses of the construction product, in accordance

3) Borusan Mannesmann Boru A.Ş Meclisi Mebusan Cad. No: 37 34427 Salıpazarı / Istanbul Turkey +90 212 393 58 00 in factory

Ata Mah. Sanayi Cad. No: 54/68 16601 www.borusanmannesmann.com Gemlik/Bursa Turkey

System of assessment and verification of constancy of performance of the product: System 2+

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				(Chemical composition)	Durability			Weldablity		Impact strength			Elongation					Tensile strength				Yield strength													Tolerances	Essentia
*: The max value of nitrogen does not apply if the chemical composition shows a minimum total AI content of %0,020 or if sufficent other N binding elements are present.		40		IA.	Nominal Thickness (mm)	40	IA.	Nominal Thickness (mm)	0	Test Temperature (°C)	40	IA	Nominal Thickness (mm)	w	B/r			Nominal Thickness (mm)	16		٧	Nominal Thickness (mm)	Maximum weld bead height	Exact Length	Apporoximate Length	Random Length	Mass	Straightness	Twist	External corner profile	Squerness of side	Concavity	Out of Roundness	Thickness	Outside dimensions	Essential Characteristic
e of nitrogen do ows a minimum t o binding elemer		0			ckness (mm)	0		ckness (mm)		rature (°C)	0		ckness (mm)	40	М	w	٨	ckness (mm)	40	16	и	ckness (mm)	bead height		ength					profile	n		255		ions	a .
es not apply if th total Al content nts are present.	\$:0,040	Mn: 1,50	C:0,20	max	Values (%)	0,4	max	Values (%)	27	Min. value (J)	20	min	Values (%)	410		430	min	Values (N/mm²)	265	275	min	Values (N/mm²)	Table 5		Table 4						Tab					Performance
ne chemical of %0,020 or if	N*:0,009	P:0,040	Si:-	ax	s (%)	4	ax	s (%)	7	alue (J)	0	in	s (%)	560		580	max	N/mm²)	35	75	5	N/mm²)	le 5		ē 4						Table 2					mance
2					2				3	EN 10219-1															1				EN 10219-2							Spec.



(according to regulation EU No 305/2011)
No. CPD-01.242.834/10/02/07/0

1) Product type: Welded Structural Hollow Sections of Non-Alloy And Fine Grain Steels

2) Type: S275J2H 1.0138 acc. to EN 10219-1

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

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								3	red																									
		(Chemical composition)	Durability			Weldablity		Impact strength			Elongation					Tensile strength			2	Yield strength													Tolerances	Essentia
*: The max value composition sho sufficent other N	40	И	Nominal Thickness (mm)	40	M	Nominal Thickness (mm)	-20	Test Temperature (°C)	40	10	Nominal Thickness (mm)	ω	N			Nominal Thickness (mm)	16		٧	Nominal Thickness (mm)	Maximum weld bead height	Exact Length	Apporoximate Length	Random Length	Mass	Straightness	Twist	External corner profile	Squerness of side	Concavity	Out of Roundness	Thickness	Outside dimensions	Essential Characteristic
*: The max value of nitrogen does not apply if the chemical composition shows a minimum total AI content of %0,020 or if sufficent other N binding elements are present.	0		ckness (mm)	0		ckness (mm)	ď	erature (°C)	0		ckness (mm)	40	M	w	۸	ckness (mm)	40	16	M	ckness (mm)	bead height		ength	P 7	8			profile	n		SS		ions	
es not apply if the total Al content orts are present.	C: 0,20 Mn: 1,50 S: 0,035	max	Values (%)	0,4	max	Values (%)	27	Min. value (J)	2	3	Values (%)	410		430	min	Values (N/mm²)	265	2:	В	Values (N/mm²)	Table 5		Tab			×			Tab					Performance
he chemical of %0,020 or if	Si:- P:0,035 N*:-		s (%)	4	ax	15 (%)	7	alue (J)	20	min	es (%)	560		580	max	N/mm²)	65	275	min	N/mm²)	le 5		Table 4						Table 2					mance
								EN 10219-1		8																D	EN 10219-2							Harmonised Tech. Spec.



(according to regulation EU No 305/2011) No. CPD-01.242.834/10/02/07/0

1) Product type: Welded Structural Hollow Sections of Non-Alloy And Fine Grain Steels

2) Type: S355J0H 1.0547 acc. to EN 10219-1

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacture

3) Borusan Mannesmann Boru A.Ş

Meclisi Mebusan Cad. No: 37 34427 Salıpazarı / İstanbul Turkey +90 212 393 58 00 in factory Ata Mah. Sanayi Cad. No: 54/68 16601

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				(Chemical composition)	Durability			Weldablity		Impact strength			Elongation			29	#1 # -E	Tensile strength				Yield strength							2						Tolerances	Essentia
*: The max value of nitrogen does not apply if the chemical composition shows a minimum total AI content of %0,020 or if sufficent other N binding elements are present.		40		M	Nominal Thickness (mm)	40	ı	Nominal Thickness (mm)	0	Test Temperature (°C)	40	in.	Nominal Thickness (mm)	w	N			Nominal Thickness (mm)	16		٧	Nominal Thickness (mm)	Maximum weld bead height	Exact Length	Apporoximate Length	Random Length	Mass	Straightness	Twist	External corner profile	Squerness of side	Concavity	Out of Roundness	Thickness	Outside dimensions	Essential Characteristic
e of nitrogen doe ws a minimum to binding elemen					:kness (mm)	0		ckness (mm)		rature (°C)	0		ckness (mm)	40	M	w	٨	ckness (mm)	40	16	M	ckness (mm)	bead height		ength		3			profile	TO .		:55		sno	
es not apply if the otal Al content otal are present.	3:0,040	Mn: 1,60	C: 0,22	max	Values (%)	0,45	max	Values (%)	27	Min. value (J)	20	min	Values (%)	490		510	min	Values (N/mm²)	345	355	min	Values (N/mm²)	Table 5		Table 4						Table 2					Performance
ne chemical of %0,020 or if	N*: 0,009	P: 0,040	\$i:0,55	X	s (%)	5	X	s (%)	7	ilue (J)	0	5	s (%)	630		680	max	N/mm²)	15	55	5	N/mm²)	le S		64					-	le 2					mance
u v										EN 10219-1																	8		EN 10219-2							Harmonised Tech. Spec.