



# TOSÇELİK Profil ve Sac

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## TEST SERTİFİKASI MILL TEST CERTIFICATE

MÜŞTERİ ADI & ADRESİ  
 NAME & ADDRESS OF THE CUSTOMER  
 MARON GALATI S.A. 59. Dönüm de Centura  
 Sheet  
 GALATI ROMANYA  
 Romanya

DESCRIPTION OF GOODS:  
 ENW HOLLOW SECTIONS

B SIGN NO: 005-LWB-153  
 EN 10219 NO: 2195-CPR-1710101  
 EN 10255 NO: E-30-00969-16



SERTİFİKA NO/CERTIFICATE NO : 100201185  
 SAYFA/SAGE NO : 118/143  
 SERVİ TARİHİ/DATE OF DISPATCH : 15.08.2021  
 SERTİFİKA TARİHİ/CERT DATE : 21.08.2021  
 SERTİFİKA NO/NO/CERT NO/NO : EN 10204-3.1  
 SATIŞ BELGESİ : 1049588  
 SERİFİKA NO/NO : 1000027249  
 B SIGN DOP : TPE.DOP.013  
 EN 10219 DOP : TPE.DOP.004  
 EN 10255 DOP : TPE.DOP.009

### Ürün Bilgisi ve Mekanik Testler/Product Information and Mechanical Tests

SIRA ITEM	TİP TYPE	EBAT SIZE	PAKET NO PACK NO	DOKÜM CAST NO	PPB	LOT NO	URL NORM PRODUCT NORM	KALİTE STEEL GRADE	YS N/mm <sup>2</sup>	TS N/mm <sup>2</sup>	E %	IE 1	IE 2	IE 3	IE AV J	TT %C	HT BAR	HT TIME Sec	VDC	FT	BD	EX	NDE	B	
820	BPE	3/4"X2.60X6000	LB04868252	2108158182	169	LOT 3	EN 10217-1/EN 10255/EN P235TR1/S195T/S235JfR 10219	H	325	405	30.0	J	J	J	J		70	5	G	G	G	G	G	G	G
821	BPE	3/4"X2.60X6000	LB04868253	2108158182	169	LOT 3	EN 10217-1/EN 10255/EN P235TR1/S195T/S235JfR 10219	H	325	405	30.0	J	J	J	J		70	5	G	G	G	G	G	G	G
822	BPE	3/4"X2.60X6000	LB04868254	2108158182	169	LOT 3	EN 10217-1/EN 10255/EN P235TR1/S195T/S235JfR 10219	H	325	405	30.0	J	J	J	J		70	5	G	G	G	G	G	G	G
823	BPE	3/4"X2.60X6000	LB04868255	2108158182	169	LOT 3	EN 10217-1/EN 10255/EN P235TR1/S195T/S235JfR 10219	H	325	405	30.0	J	J	J	J		70	5	G	G	G	G	G	G	G
824	GPE	3"X3.60X6000	LB04868279	2108157924	37	LOT 4	EN 10217-1/EN 10255/EN P235TR1/S195T/S235JfR 10219	H	299	396	30.7	J	J	J	J		70	5	G	G	G	G	G	G	G
825	GPE	3"X3.60X6000	LB04868280	2108157924	37	LOT 4	EN 10217-1/EN 10255/EN P235TR1/S195T/S235JfR 10219	H	299	396	30.7	J	J	J	J		70	5	G	G	G	G	G	G	G
826	GPE	3"X3.60X6000	LB04868301	2108157924	37	LOT 4	EN 10217-1/EN 10255/EN P235TR1/S195T/S235JfR 10219	H	299	396	30.7	J	J	J	J		70	5	G	G	G	G	G	G	G

### Kıyasal Testler / Chemical Tests

SIRA ITEM	DOKÜM NO HEAT NO	C	SI	S	MN	P	AL	CR	MO	NI	CU	N	TI	V	SN	NB	CEIIV	CEPCM
820	2108158182	0.0888	0.0132	0.0115	0.4605	0.0093	0.0375	0.0323	0.0065	0.0218	0.0395	0.0030	0.0010	0.0010	0.0039	0.0010	0.1776	0.1173
821	2108158182	0.0888	0.0132	0.0115	0.4605	0.0093	0.0375	0.0323	0.0065	0.0218	0.0395	0.0030	0.0010	0.0010	0.0039	0.0010	0.1776	0.1173
822	2108158182	0.0888	0.0132	0.0115	0.4605	0.0093	0.0375	0.0323	0.0065	0.0218	0.0395	0.0030	0.0010	0.0010	0.0039	0.0010	0.1776	0.1173
823	2108158182	0.0888	0.0132	0.0115	0.4605	0.0093	0.0375	0.0323	0.0065	0.0218	0.0395	0.0030	0.0010	0.0010	0.0039	0.0010	0.1776	0.1173
824	2108157924	0.0769	0.0134	0.0098	0.4212	0.0108	0.0263	0.0233	0.0059	0.0185	0.0306	0.0030	0.0016	0.0010	0.0026	0.0010	0.1564	0.1024
825	2108157924	0.0769	0.0134	0.0098	0.4212	0.0108	0.0263	0.0233	0.0059	0.0185	0.0306	0.0030	0.0016	0.0010	0.0026	0.0010	0.1564	0.1024
826	2108157924	0.0769	0.0134	0.0098	0.4212	0.0108	0.0263	0.0233	0.0059	0.0185	0.0306	0.0030	0.0016	0.0010	0.0026	0.0010	0.1564	0.1024

G : İyi/Good  
 YS : Akma Muk./Yield Strength(N/mm<sup>2</sup>)  
 TS : Çekme Muk./Tensile Strength(N/mm<sup>2</sup>)  
 E : Uzunl./Elongation (%)  
 NDE: Tahribatsız Teslin/Non Destructive Examination  
 B: Havaslı/ Boreilled  
 VDC: Görsel Kontrol/ Visual&Dimensional Check  
 EX: Genişletme/ Expanding  
 HT: Hidrostatik Test/ Hydrostatic Test(Bağ)  
 IE: Darbe Enerjisi/Impact Energy(Joule)  
 TT: Test Sıcaklığı/ Test Temp for Impact Testing(°C)  
 HT TIME: Saniye/ Second  
 FT: Yassılaştırma/ Flattening  
 BD: Bükme/Bending  
 PPB: Paket içi adet/Pieces per bundle

BPE:BLACK PLAIN END PIPE  
 GPE: GALVANIZED PLAIN END PIPE

B SIGN:Kapsam/Scope: 21.3x.1.40 - 323.9x12.50  
 CE makalesi/EN 10219 kapsamına dâhil ürünler (LP, TP, ZP) için geçerlidir.  
 CE marking applies to those products (except TP, LP, ZP) which produced in accordance with EN 10219.  
 EN 10219-1 CE Kapsam/Scope:  
 10.6x0.40 - 339.7x13.00/ 10x1.1x0.60 - 250x25x13.00 / 20x10x0.60 - 390x20x13.00  
 CE makalesi/EN 10255 kapsamına dâhil ürünler için geçerlidir.  
 CE marking applies to those products in accordance with EN 10255  
 EN 10255 CE Kapsam/Scope: Sani. L1 L2 M H

GALVANIZED COATING HAS BEEN MADE IN ACCORDANCE WITH EN 10240 STANDARD

ONAY / APPROVED BY  
 ERW Fabrikadan Kalite Müdürü/ ERW Plants Quality Manager  
 Bilgin SONMEZ  
 bilgin.sonmez@toscelik.com.tr

**TOSÇELİK Profil ve Sac Endüstri A.Ş.**  
 Organize Sanayi Bölgesi  
 80850 TOPRAKALUT/OSMANİYE TÜRKİYE  
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 Asım Gunduz VD : 085 001 3021

Bu Sertifika TOSÇELİK PROFİL SAC VE END. A.Ş. tarafından üretilen standartlara ve sipariş kontratına uygun olduğunu beyit ederiz.  
 These results are certified by TOSÇELİK PROFİL SAC VE END. A.Ş. and comply with the requirements of the product description.



# TOSÇELİK Profil ve Sac

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## TEST SERTİFİKASI MILL TEST CERTIFICATE

MÜŞTERİ ADI & ADRESİ  
 NAME & ADDRESS OF THE CUSTOMER  
 MARON GALATI S.A. - 59. Dönüm de Çarşıya  
 Steel  
 GALATI ROMANYA  
 Romanya

DESCRIPTION OF GOODS:  
 ERW HOLLOW SECTIONS

B SIGN NO: 005-UWB-153  
 EN 10219 NO: 2195-CPR-1710101  
 EN 10255 NO: E-30-00969-16



SERTİFİKA NO/CERTIFICATE NO : 1000201185  
 SAYFA/SAYFASI NO : 120/143  
 SERİYİ TARİH/DİSPATÇI TARİHİ/DATE OF DISPATCH : 15.06.2021  
 SERTİFİKA TARİH/CERT DATE : 21.06.2021  
 SERTİFİKA NO/NUMERICERT NO/NO : EN 10219-3.1  
 SAĞIS BELGESİ : 10490648  
 SERİFİKA NO/ARŞİVİ : 100000127249  
 B SIGN DOP : TPE.DOP.013  
 EN 10219 DOP : TPE.DOP.004  
 EN 10255 DOP : TPE.DOP.009

### Ürün Bilgisi ve Mekanik Testler/Product Information and Mechanical Tests

SIRA ITEM	TIP TYPE	EBAT SIZE	PAKET NO PACK NO	DOKÜM CAST NO	PPB	LOT NO	ÜRÜN PRODUCT	NORM	KALİTE STEEL	YS N/mm <sup>2</sup>	TS N/mm <sup>2</sup>	E %	IE 1	IE 2	IE 3	IE AV. J	TT °C	HT BAR	HT TIME Sec	VDC	FT	BD	EA	NDE	B
834	BPE	3/4 X2.50X6000	LB04868472	2108158182	169	LOT 3	EN 10217-1/EN 10255/EN 10219	P235TR/S195T/S235JR	H	325	405	30.0						70	5	G	G	G	G	G	G
835	BPE	3/4 X2.50X6000	LB04868480	2108158182	169	LOT 3	EN 10217-1/EN 10255/EN 10219	P235TR/S195T/S235JR	H	325	405	30.0						70	5	G	G	G	G	G	G
836	BPE	3/4 X2.50X6000	LB04868491	2108158182	169	LOT 3	EN 10217-1/EN 10255/EN 10219	P235TR/S195T/S235JR	H	325	405	30.0						70	5	G	G	G	G	G	G
837	BPE	3/4 X2.50X6000	LB04868510	2108158182	169	LOT 3	EN 10217-1/EN 10255/EN 10219	P235TR/S195T/S235JR	H	325	405	30.0						70	5	G	G	G	G	G	G
838	BPE	3/4 X2.50X6000	LB04868523	2108158215	169	LOT 3	EN 10217-1/EN 10255/EN 10219	P235TR/S195T/S235JR	H	328	413	33.0						70	5	G	G	G	G	G	G
839	GPE	3 X3.50X8000	LB04868542	2108157843	25	LOT 4	EN 10217-1/EN 10255/EN 10219	P235TR/S195T/S235JR	H	316	419	31.6						70	5	G	G	G	G	G	G
840	GPE	3 X3.50X6000	LB04868544	2108157843	37	LOT 4	EN 10217-1/EN 10255/EN 10219	P235TR/S195T/S235JR	H	316	419	31.6						70	5	G	G	G	G	G	G

### Kıyasal Testler / Chemical Tests

SIRA ITEM	DOKÜM NO	C	SI	S	MN	P	AL	CR	MO	NI	CU	N	TI	V	SN	NB	CEIIV	GERİM	
834	2108158182	0.0868	0.0132	0.0115	0.4605	0.0093	0.0375	0.0323	0.0065	0.0218	0.0395	0.0030	0.0010	0.0010	0.0039	0.0010	0.0010	0.1776	0.1173
835	2108158182	0.0868	0.0132	0.0115	0.4605	0.0093	0.0375	0.0323	0.0065	0.0218	0.0395	0.0030	0.0010	0.0010	0.0039	0.0010	0.0010	0.1776	0.1173
836	2108158182	0.0868	0.0132	0.0115	0.4605	0.0093	0.0375	0.0323	0.0065	0.0218	0.0395	0.0030	0.0010	0.0010	0.0039	0.0010	0.0010	0.1776	0.1173
837	2108158182	0.0868	0.0132	0.0115	0.4605	0.0093	0.0375	0.0323	0.0065	0.0218	0.0395	0.0030	0.0010	0.0010	0.0039	0.0010	0.0010	0.1776	0.1173
838	2108158215	0.0919	0.0229	0.0098	0.4808	0.0132	0.0330	0.0289	0.0090	0.0192	0.0339	0.0030	0.0010	0.0010	0.0034	0.0015	0.1841	0.1218	
839	2108157843	0.0917	0.0207	0.0098	0.5101	0.0119	0.0292	0.0298	0.0094	0.0218	0.0446	0.0040	0.0046	0.0010	0.0038	0.0010	0.1892	0.1232	
840	2108157843	0.0917	0.0207	0.0098	0.5101	0.0119	0.0292	0.0298	0.0094	0.0218	0.0446	0.0040	0.0046	0.0010	0.0038	0.0010	0.1892	0.1232	

BPE: BLACK PLAIN END PIPE  
 GPE: GALVANIZED PLAIN END PIPE

B SIGN Kapsam/Scope: 21 3x1 40 - 324 9x12 50  
 CE marklaması EN 10219 kapsamına dâhil değildir (L.P., 2P hariç) için geçerlidir.  
 CE marking applies to those products (except TP, LP, 2P) which produced in accordance with EN 10219.  
 EN 10219-1 CE Kapsam/Scope:  
 10.0x0.60 - 338 2x13.00 / 10x10x0.60 - 250x250x13.00 / 20x18x0.60 - 390x290x13.00  
 CE marklaması EN 10255 kapsamına dâhil değildir için geçerlidir.  
 CE marking applies to those produced in accordance with EN 10255.  
 EN 10255 CE Kapsam/Scope: Serr L, LT, LZ, M, H

GALVANIZED COATING HAS BEEN MADE IN ACCORDANCE WITH EN 10240 STANDARD

ONAY / APPROVED BY  
 ERW Fabrika Kalite Müdürü / ERW Plants Quality Manager  
 Bulent SOMMEZ  
 bulent.sommez@toscelik.com.tr

G : İyi/Good  
 YS : Akma Muk./Yield Strength(N/mm<sup>2</sup>)  
 TS : Çekme Muk./Tensile Strength(N/mm<sup>2</sup>)  
 E : Uzunlam./Elongation (%)  
 NDE : Tahribatsız Test/Non Destructive Examination  
 B: Havasız Beveleli  
 VDC: Görsel Kontrol/ Visual&Dimensional Check  
 EK: Genleştirme/ Expanding  
 HE: Hidrostatik Test/ Hydrostatic Test(Bar)  
 IE: Darbe Enerjisi/Impact Energy(Joule)  
 TT: Test Steklığı/ Test Temp.for Impact Testing/ C  
 HT TIME: Saniye/ Second  
 FT: Yassılama/ Flattening  
 BD: Bükme/Bending  
 PBB: Paket (y) adet/Pieces per bundle

Bu Sertifika TOSÇELİK PROFİL SAC VE END. AS. tarafından üretilen standartlara ve sipariş konularına uygun olduğunu doğrular.  
 These results are certified by TOSÇELİK PROFİL SAC VE END. AS. and comply with the requirements of the product description

**TOSÇELİK Profil ve Sac**  
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 Arım Gündüz V.D. : 086 001 3021



# TEST SERTİFİKASI MILL TEST CERTIFICATE

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MÜŞTERİ ADI & ADRESİ  
NAME & ADDRESS OF THE CUSTOMER  
MARON GALATI S.A. 59.Drumul de Centura  
Steel  
GALATI ROMANYA  
Romanya

DESCRIPTION OF GOODS:  
ERW HOLLOW SECTIONS

B SİGN NO: 005-UWB-153  
EN 10219 NO: 2195-CPR-1710101  
EN 10255 NO: E-30-09969-16

SERTİFİKA NO/CERTIFICATE NO : 1002501165  
SAYFA NO / PAGE NO : 129/143  
SERİ TARİH/DATE OF DISPATCH : 15.06.2021  
SERTİFİKA TASHİH/CERT DATE : 21.06.2021  
SERTİFİKA NÖRANU/CERT NORA : EN 10254 3 1  
SATIŞ BELGESİ : 10489548  
SEFER NÜMARASI : 1000027248  
B SİGN DOP : TPE.DOP-013  
EN 10219 DOP : TPE.DOP-004  
EN 10255 DOP : TPE.DOP-009

### Ürün Bilgisi ve Mekanik Testler/Product Information and Mechanical Tests

SIRA İTEM	TIP TYPE	EBAT SIZE	PAKET NO PACK NO	DOKÜM CAST NO	PPB	LOT NO	URT.NORM PRODUCT NORM	KALİTE STEEL GRADE	YS N/mm²	TS N/mm²	E %	IE 1 J	IE 2 J	IE 3 J	IE AV J	TT °C	HT BAR	HT TIME Sıc	VDC FT	BD EX	NDE B	
897	BPE	3.4*X2.60X6000	LB04870496	2108158194	169	LOT 3	EN 10217-1/EN 10255/EN 10219	P235TR1/S195T/S235JRH	311	405	30.6						70	5	G	G	G	G
898	GPE	3*X3.20X6000	LB04870663	2108157771	37	LOT 4	EN 10217-1/EN 10255/EN 10219	P235TR1/S195T/S235JRH	309	410	31.2						70	5	G	G	G	G
899	GPE	3*X3.20X6000	LB04870665	2108157771	37	LOT 4	EN 10217-1/EN 10255/EN 10219	P235TR1/S195T/S235JRH	309	410	31.2						70	5	G	G	G	G
900	GPE	3*X3.20X6000	LB04870667	2108157771	37	LOT 4	EN 10217-1/EN 10255/EN 10219	P235TR1/S195T/S235JRH	309	410	31.2						70	5	G	G	G	G
901	GPE	3*X3.20X6000	LB04870691	2108157771	37	LOT 4	EN 10217-1/EN 10255/EN 10219	P235TR1/S195T/S235JRH	309	410	31.2						70	5	G	G	G	G
902	GPE	3*X3.20X6000	LB04870693	2108157771	37	LOT 4	EN 10217-1/EN 10255/EN 10219	P235TR1/S195T/S235JRH	309	410	31.2						70	5	G	G	G	G
903	GPE	3*X3.20X6000	LB04870694	2108157771	37	LOT 4	EN 10217-1/EN 10255/EN 10219	P235TR1/S195T/S235JRH	309	410	31.2						70	5	G	G	G	G

### Kimyasal Testler/ Chemical Tests

SIRA İTEM	HEAT NO	C %	SI %	S %	MN %	P %	AL %	CR %	MO %	NI %	CU %	N %	TI %	V %	SN %	NB %	GEVİ %	CEPİM %	
897	2108158194	0.0872	0.0127	0.0115	0.4339	0.0123	0.0349	0.0262	0.0088	0.0178	0.0320	0.0030	0.0031	0.0027	0.0045	0.0010	0.0010	0.1704	0.1144
898	2108157771	0.0877	0.0162	0.0106	0.4436	0.0103	0.0319	0.0393	0.0110	0.0218	0.0373	0.0030	0.0024	0.0010	0.0026	0.0010	0.1758	0.1159	
899	2108157771	0.0877	0.0162	0.0106	0.4436	0.0103	0.0319	0.0393	0.0110	0.0218	0.0373	0.0030	0.0024	0.0010	0.0026	0.0010	0.1758	0.1159	
900	2108157771	0.0877	0.0162	0.0106	0.4436	0.0103	0.0319	0.0393	0.0110	0.0218	0.0373	0.0030	0.0024	0.0010	0.0026	0.0010	0.1758	0.1159	
901	2108157771	0.0877	0.0162	0.0106	0.4436	0.0103	0.0319	0.0393	0.0110	0.0218	0.0373	0.0030	0.0024	0.0010	0.0026	0.0010	0.1758	0.1159	
902	2108157771	0.0877	0.0162	0.0106	0.4436	0.0103	0.0319	0.0393	0.0110	0.0218	0.0373	0.0030	0.0024	0.0010	0.0026	0.0010	0.1758	0.1159	
903	2108157771	0.0877	0.0162	0.0106	0.4436	0.0103	0.0319	0.0393	0.0110	0.0218	0.0373	0.0030	0.0024	0.0010	0.0026	0.0010	0.1758	0.1159	

G : İyileştirme	BPE:BLACK PLAIN END PIPE	B SİGN Kapsam/Scope: 21.3x1.40 - 323.9x12.50	ONAY / APPROVED BY
YS :Akma Muk.Yetli Strength(N/mm²)	GPE:GALVANIZED PLAIN END PIPE	CE markası/EN 10219 kapsamına dâhil ürünler (L.P. TP, ZP) which produced in accordance with EN 10219	ERW Fabrikaları Kalite Müdürü / ERW Plants Quality Manager
TS :Çekme Muk.Yetli Strength(N/mm²)	E : Uzama/Elongation (%)	CE marking applies to those products (except TP, LP, ZP) which produced in accordance with EN 10219	Bilgili ŞÖNMEZ
NDE:Tahribatsız Test/Non Destructive Examination	B: Havesal/ Bevelled	EN 10219-1 CE Kapsam/Scope: 10.0x0.60 - 338.7x13.00 / 10x10x0.60 - 290.25x0.13.00 / 20x10x0.60 - 300.20x0.13.00	bulent.sornmez@toscelik.com.tr
VDC: Görsel Kontrol Visual&Dimensional Check	EX: Genişletme Expanding	CE markası/EN 10255 kapsamına dâhil ürünler için öncelikle CE marking applies to those produced in accordance with EN 10255	
HT: Hidrostatik Test/ Hydrostatic Test(Bar)	HT: Daire Enerjisi/Impact Energy(Joule)	EN 10255 CE Kapsam/Scope: Serii L, L1, L2, M, H	
TT Test Sıcaklığı/ Test Temp for Impact Testing(°C)	HT TIME: Saniye/ Second		
FT: Yassılama/ Flattening	BD: Bükme/Bending		
PPB:PaKET içi adet/Pieces per bundle			

Bu Sertifika TOSÇELİK PROFİL, SAC VE END. A.S. tarafından verilen standartlara ve sipariş konularına uygun olduğuna teyit edilmektedir. These results are certified by TOSÇELİK PROFİL SAC VE END. A.S. and comply with the requirements of the product description.

Organize Sanayi Bölgesi  
80950 TOPRAKAKAL/OSMANİYE TÜRKİYE  
T +90 (328) 826 80 80 F +90 (328) 826 88 88  
Aşım Gündüz VD : 086 001 3021

**TOSÇELİK Profil ve Sac**  
TOSÇELİK Profil ve Sac Endüstriyel A.Ş.

*Maron*