SELKO ATEŞ TUĞLA



2024

REFRAKTER MALZEMELER

www.selko.com.tr





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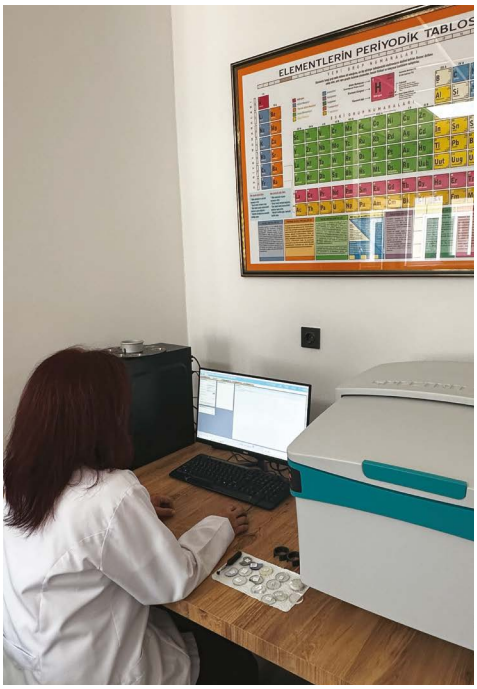
Üretimin
Her Aşamasında
Önce Kalite

Where Quality
Inspires Trust

“











HAKKIMIZDA / ABOUT US

1987 yılında makine mühendisi Selahattin Kalaycı tarafından kurulan Selko Ateş Tuğla, kuruluşundan itibaren Ar-Ge ve kaliteye öncelik vererek kısa süre içerisinde Türkiye'nin önde gelen sanayi kuruluşlarının tedarikçisi olmayı başarmıştır. 1993 yılında anonim şirket olan Selko, ürün çeşitliliğinin ve taleplerin artması sonucunda, 2003 yılında Bartın Organize Sanayi Bölgesi'ndeki 70.000 m2 alana sahip bugünkü yerine taşınmıştır. TSE ISO 9001 kalite yönetim sistemi belgesine sahip olan firma, son teknoloji modern laboratuvarlarıyla hammaddenin girişinden itibaren üretimin her aşamasında oluşturduğu kontrol sistemiyle ürün kalitesinin sürekliliğini sağlamaktadır. Bugün 40. yılına yaklaşırken 20.000 Ton/yıl kapasiteyle alümina silikat esaslı şekilli ve şekilsiz her türlü refrakter malzeme üretimi yapmakta, yurt içi ve yurt dışı demir-çelik, çimento, kireç, cam, demir dışı metaller, enerji santralleri, petrokimya rafineleri ve geri dönüşüm tesisleri başta olmak üzere birçok farklı sektörden sanayi kuruluşuna hizmet etmektedir. 2022 yılında başlanan yeni yatırımlarla beraber Mustafa Kemal Atatürk'ün "Her fabrika bir kaledir" sözü ışığında, kurulu kapasitesini 2025 yılının sonuna kadar %50 oranında arttırmayı hedeflemektedir.

Founded in 1987 by mechanical engineer Selahattin Kalaycı, Selko Ateş Tuğla has swiftly risen to become a key supplier to Turkey's leading industrial corporations, driven by a strong focus on R&D and quality. In 1993, Selko transitioned into a joint-stock company and, due to increasing demand and product diversification, relocated to its current facility in the Bartin Organized Industrial Zone in 2003. This modern facility spans 70,000 m². Equipped with the TSE ISO 9001 quality management system, the company ensures consistent product quality through rigorous control systems implemented at every stage of production, from raw material intake to final output in its state-of-the-art laboratories. As of today approaching 40th anniversary, Selko is a global provider of refractories, offering a wide range of alumina silicate-based shaped and unshaped refractories. With an annual production capacity of 20,000 tons, the company serves various industries, including iron and steel, cement, lime, glass, non-ferrous metals, power plants, petrochemicals, and recycling. Looking ahead, with new investments set to be completed by the end of 2025, the company's production capacity is expected to increase by 50%, inspired by the words of Mustafa Kemal Atatürk : "Every factory is a castle."

ŞAMOT TUĞLALAR

CHAMOTTE BRICKS

KALİTE QUALITY	KİMYASAL BİLEŞENLER (TİPİK) / CHEMICAL COMPONENTS (TYPICAL)						FİZİKSEL ÖZELLİKLER (TİPİK) / PHYSICAL PROPERTIES (TYPICAL)							
							Bulk Density Hacim Ağırlık	Appearent Porosity Görünür Porozite	Cold Crushing Strength Soğuk Basma Mukavemeti	Refractoriness Under Load Yük Altında Refrakterlik	Thermal Cond. / Termal İletkenlik (W/m.K)		Thermal Expansion Isısal Genleşme	
	Al_2O_3	SiO_2	Fe_2O_3	TiO_2	CaO+MgO	Na_2O+K_2O					800°	1100°	800°	1000°
	%	%	%	%	%	%	g/cm^3	%	kg/cm^2	Ta°C	%	%	%	%
SEL AS	24,0	68,0	1,5	1,0	1,5	3,0	2,15	12,0	750	1.250				
	Aside dayanıklı tuğla / Acid resistant brick.													
SEL S	25,0	65,0	2,0	1,5	1,5	3,0	2,15	16,0	450	1.200	1,6	1,7	0,4	0,6
	Sert Şamot esaslı tuğla / Fireclay brick based on hard fireclay.													
SEL C30	30,0	62,0	2,1	1,5	1,5	2,5	2,15	17,0	450	1.270	1,6	1,7	0,4	0,6
	Şamot esaslı tuğla / Fireclay brick based on chamotte.													
SEL C35	35,0	57,0	2,2	1,5	1,5	2,5	2,20	18,0	450	1.280	1,6	1,7	0,4	0,6
	Şamot esaslı tuğla / Fireclay brick based on chamotte.													
SEL C40	41,0	53,0	1,8	2,2	0,8	0,8	2,30	17,0	500	1.300	1,4	1,5	0,4	0,6
	Şamot esaslı tuğla / Fireclay brick based on chamotte.													
SEL C40S	41,0	53,0	1,4	2,2	0,8	0,8	2,30	17,0	500	1.300	1,4	1,5	0,4	0,6
	Şamot esaslı tuğla / Fireclay brick based on chamotte.													
SEL C42	43,0	51,0	1,5	1,8	0,7	0,8	2,30	17,0	600	1.330	1,5	1,6	0,4	0,6
	Şamot esaslı tuğla / Fireclay brick based on chamotte.													
SEL C45	46,0	48,0	1,7	2,2	0,7	0,8	2,30	17,0	550	1.360	1,5	1,6	0,4	0,6
	Şamot esaslı tuğla / Fireclay brick based on chamotte.													
SEL C45S	46,0	48,0	1,5	2,2	0,7	0,8	2,30	17,0	600	1.360	1,5	1,6	0,4	0,6
	Şamot esaslı tuğla / Fireclay brick based on chamotte.													



YÜKSEK ALÜMİNA TUĞLALAR

HIGH ALUMINA BRICKS

KALİTE QUALITY	KİMYASAL BİLEŞENLER (TİPİK) / CHEMICAL COMPONENTS (TYPICAL)							FİZİKSEL ÖZELLİKLER (TİPİK) / PHYSICAL PROPERTIES (TYPICAL)							
								Bulk Density Hacim Ağırlık	Appearent Porosity Görünür Porozite	Cold Crushing Strength Soğuk Basma Mukavemeti	Refractoriness Under Load Yük Altında Refrakterlik	Thermal Cond. / Termal İletkenlik (W/m.K)		Thermal Expansion Isısal Genleşme	
	Al_2O_3	SiO_2	Fe_2O_3	TiO_2	CaO+MgO	Na_2O+K_2O	P_2O_5					800°	1100°	800°	1000°
	%	%	%	%	%	%	%	g/cm^3	%	kg/cm^2	Ta°C	%	%	%	%
SEL B50	50,0	43,0	1,7	2,2	0,6	0,6		2,4	17,0	550	1.380	1,6	1,7	0,5	0,6
	Şamot ve boksit esaslı pişmiş yüksek alumina tuğla / High alumina brick based on bauxite and chamotte.														
SEL B50 S	51,0	43,0	1,5	2,2	0,6	0,6		2,4	17,0	550	1.380	1,6	1,7	0,5	0,6
	Şamot ve boksit esaslı pişmiş yüksek alumina tuğla / High alumina brick based on bauxite and chamotte.														
SEL B55	55,0	37,0	1,9	2,2	0,6	0,6		2,45	18,0	650	1.400	1,7	1,8	0,5	0,6
	Şamot ve boksit esaslı pişmiş yüksek alumina tuğla / High alumina brick based on bauxite and chamotte.														
SEL B55 S	56,0	38,0	1,6	2,0	0,6	0,5		2,45	18,0	650	1.400	1,7	1,8	0,5	0,6
	Şamot ve boksit esaslı pişmiş yüksek alumina tuğla / High alumina brick based on bauxite and chamotte.														
SEL B60	60,0	34,0	1,9	2,5	0,6	0,6		2,50	19,0	650	1.420	1,8	1,9	0,5	0,6
	Şamot ve boksit esaslı pişmiş yüksek alumina tuğla / High alumina brick based on bauxite and chamotte.														
SEL B60 S	61,0	33,0	1,7	2,3	0,6	0,5		2,50	19,0	650	1.420	1,8	1,9	0,5	0,6
	Şamot ve boksit esaslı pişmiş yüksek alumina tuğla / High alumina brick based on bauxite and chamotte.														
SEL B60 CB	61,0	31,0	1,8	2,5	0,6	0,6	1,0	2,50	17,0	700	1.430	1,8	1,9	0,5	0,6
	Şamot ve boksit esaslı pişmiş yüksek alumina tuğla / High alumina brick based on bauxite and chamotte.														
SEL B65	65,0	29,0	1,8	2,7	0,6	0,5		2,55	18,0	700	1.430	1,9	2,0	0,5	0,6
	Şamot ve boksit esaslı pişmiş yüksek alumina tuğla / High alumina brick based on bauxite and chamotte.														
SEL B70	70,0	23,0	1,9	3,0	0,6	0,5		2,60	19,0	800	1.440	2,0	2,1	0,5	0,7
	Boksit esaslı pişmiş yüksek alumina tuğla / High alumina brick based on bauxite .														
SEL B75	75,0	19,0	1,8	3,0	0,6	0,5		2,70	19,0	850	1.460	2,1	2,2	0,5	0,7
	Boksit esaslı pişmiş yüksek alumina tuğla / High alumina brick based on bauxite .														
SEL B80	80,0	13,0	1,8	3,0	0,6	0,6		2,75	19,0	900	1.480	2,1	2,2	0,6	0,7
	Boksit esaslı pişmiş yüksek alumina tuğla / High alumina brick based on bauxite .														
SEL B85	83,0	10,0	1,8	3,0	0,6	0,6		2,80	18,0	950	1.500	2,2	2,3	0,7	0,8
	Boksit esaslı pişmiş yüksek alumina tuğla / High alumina brick based on bauxite .														
SEL B85 S	83,0	10,0	1,6	3,0	0,6	0,6		2,80	18,0	1000	1.500	2,2	2,3	0,7	0,8
	Boksit ve kalsine alumina esaslı pişmiş yüksek alumina tuğla / High alumina brick based on bauxite and Calcined Alumina.														
SEL K90	90,0	6,0	0,4	1,2	0,3	0,5		2,90	18,0	1000	1.550	2,4	2,5	0,6	0,8
	Boksit ve sentetik alumina esaslı pişmiş yüksek alumina tuğla / High alumina brick based on bauxite and Synthetic Alumina.														



ANDALUZİT TUĞLALAR

ANDALUSITE BRICKS

KALİTE QUALITY	KİMYASAL BİLEŞENLER (TİPİK) / CHEMICAL COMPONENTS (TYPICAL)							FİZİKSEL ÖZELLİKLER (TİPİK) / PHYSICAL PROPERTIES (TYPICAL)							
								Bulk Density Hacim Ağırlık	Appearent Porosity Görünür Porozite	Cold Crushing Strength Soğuk Basma Mukavemeti	Refractoriness Under Load Yük Altında Refrakterlik	Thermal Cond. / Termal İletkenlik (W/m.K)		Thermal Expansion Isısal Genleşme	
	Al_2O_3	SiO_2	Fe_2O_3	TiO_2	CaO+MgO	Na_2O+K_2O						800°	1100°	800°	1000°
	%	%		%	%	%		g/cm^3	%	kg/cm^2	Ta°C	%	%	%	%
SEL AN45	46,0	50,0	1,0	1,5	0,5	0,5		2,45	14,0	650	1.450	1,6	1,7	0,4	0,6
	Andaluzit ve Şamot esaslı alumina tuğla / Fired alumina brick based on andalusite and chamotte.														
SEL AN55	56,0	41,0	1,0	0,4	0,3	0,4		2,55	15,0	900	1.570	1,8	1,9	0,4	0,6
	Andaluzit esaslı alumina tuğla / Fired alumina brick based on andalusite.														
SEL AN60	61,0	37,0	0,8	0,3	0,3	0,4		2,60	15,0	900	1.600	1,9	2,0	0,4	0,6
	Andaluzit esaslı alumina tuğla / Fired alumina brick based on andalusite														
SEL AN65	66,0	32,0	0,7	0,3	0,3	0,5		2,65	15,0	800	1.600	2,0	2,1	0,4	0,6
	Andaluzit esaslı alumina tuğla / Fired alumina brick based on andalusite.														



ALÜMİNA-SİLİSYUM KARBÜR TUĞLALAR

ALUMINA-SILICON CARBIDE BRICKS

KALİTE QUALITY	KİMYASAL BİLEŞENLER (TİPİK) / CHEMICAL COMPONENTS (TYPICAL)							FİZİKSEL ÖZELLİKLER (TİPİK) / PHYSICAL PROPERTIES (TYPICAL)							
								Bulk Density Hacim Ağırlık	Appearent Porosity Görünür Porozite	Cold Crushing Strength Soğuk Basma Mukavemeti	Refractoriness Under Load Yük Altında Refrakterlik	Thermal Cond. / Termal İletkenlik (W/m.K)		Thermal Expansion Isısal Genleşme	
	Al_2O_3	SiO_2	SiC	Fe_2O_3	TiO_2	CaO+MgO	Na_2O+K_2O					800°	1100°	800°	1000°
	%	%	%	%	%	%	%	g/cm^3	%	kg/cm^2	Ta°C	%	%	%	%
SEL AN SC5	53,0	39,0	5,0	0,9	0,4	0,3	0,5	2,6	14,0	800	1.530	2,2	2,4	0,7	0,9
	Andaluzit ve SiC esaslı pişmiş alumina tuğla / ASC brick based on andalusite and silicon carbide.														
SEL AN SC10	50,0	37,0	10,0	1,1	0,4	0,3	0,5	2,6	14,0	800	1.530	2,3	2,5	0,7	0,9
	Andaluzit ve SiC esaslı pişmiş alumina tuğla / ASC brick based on andalusite and silicon carbide.														
SEL AN SC15	49,0	33,0	15,0	1,1	0,4	0,3	0,5	2,6	14,0	800	1.530	2,5	2,7	0,7	0,9
	Andaluzit ve SiC esaslı pişmiş alumina tuğla / ASC brick based on andalusite and silicon carbide.														



ATEŞ BETONLARI

CASTABLES

KALİTE QUALITY	KİMYASAL BİLEŞENLER (TİPİK) / CHEMICAL COMPONENTS (TYPICAL)							FİZİKSEL ÖZELLİKLER (TİPİK) / PHYSICAL PROPERTIES (TYPICAL)						
								Bulk Density Hacim Ağırlık	Cold Crushing Strength Soğuk Basma Mukavemeti	Water Needed for Appl. Uygulama Suyu Miktarı	Grain Size Tane Boyutu	Service Temparature Çalışma Sıcaklığı	Thermal Cond. / Termal İletkenlik (W/m.K)	
	Al_2O_3	SiO_2	Fe_2O_3	TiO_2	CaO	MgO	Na_2O+K_2O						800°	1100°
	%	%	%	%	%	%	%	g/cm^3	kg/cm^2	lt / 100 kg	mm	°C	%	%
SELCAST C30	29,0	51,0	4,5	1,5	8,0	0,5	4,5	2,10	400	10	0 - 5	1.150	0,7	0,9
Hidrolik bağlı sert şamot refrakter beton / Hydraulic bonded hard fireclay castable.														
SELCAST C40	41,0	42,0	4,5	2,2	8,0	0,5	1,0	2,20	400	10	0 - 5	1.200	0,9	1,1
Hidrolik bağlı şamot refrakter beton / Hydraulic bonded fireclay castable.														
SELCAST C45	45,0	39,0	4,5	2,1	7,5	0,5	1,0	2,20	400	10	0 - 5	1.300	0,9	1,1
Hidrolik bağlı şamot refrakter beton / Hydraulic bonded fireclay castable														
SELCAST B50	51,0	37,0	1,6	2,3	7,0	0,4	0,6	2,25	400	10	0 - 5	1.350	1,1	1,3
Hidrolik bağlı orta alumina refrakter beton / Hydraulic bonded middle alumina castable.														
SELCAST B60	61,0	28,0	1,8	2,5	5,0	0,4	0,6	2,40	400	10	0 - 5	1.400	1,2	1,4
Hidrolik bağlı yüksek alumina refrakter beton / Hydraulic bonded high alumina castable.														
SELCAST B70	71,0	18,0	1,7	2,5	5	0,4	0,6	2,55	600	9	0 - 5	1.450	1,4	1,6
Hidrolik bağlı yüksek alumina refrakter beton / Hydraulic bonded high alumina castable.														
SELCAST B75	75,0	14,0	1,7	2,8	5	0,4	0,6	2,60	600	9	0 - 5	1.480	1,5	1,7
Hidrolik bağlı yüksek alumina refrakter beton / Hydraulic bonded high alumina castable.														
SELCAST B80	81,0	8,0	1,7	3,0	4,5	0,4	0,6	2,65	650	9	0 - 5	1.500	1,5	1,8
Hidrolik bağlı yüksek alumina refrakter beton / Hydraulic bonded high alumina castable.														
SELCAST B85	85,0	5,0	1,5	3	4,5	0,4	0,6	2,70	650	9	0 - 5	1.530	1,7	1,9
Hidrolik bağlı yüksek alumina refrakter beton / Hydraulic bonded high alumina castable.														

DÜŞÜK ÇİMENTOLU BETONLAR

LOW CEMENT CASTABLES

KALİTE QUALITY	KİMYASAL BİLEŞENLER (TİPİK) / CHEMICAL COMPONENTS (TYPICAL)							FİZİKSEL ÖZELLİKLER (TİPİK) / PHYSICAL PROPERTIES (TYPICAL)						
								Bulk Density Hacim Ağırlık	Cold Crushing Strength Soğuk Basma Mukavemeti	Water Needed for Appl. Uygulama Suyu Miktarı	Grain Size Tane Boyutu	Service Temparature Çalışma Sıcaklığı	Thermal Cond. / Termal İletkenlik (W/m.K)	
	Al_2O_3	SiO_2	Fe_2O_3	TiO_2	CaO	MgO	Na_2O+K_2O						800°	1100°
	%	%	%	%	%	%	%	g/cm^3	kg/cm^2	lt / 100 kg	mm	°C	%	%
SELCAST C40 LC	41,0	50,0	1,2	1,5	4,0	0,5	1,0	2,3	400	8	0 - 5	1.300	1,5	1,6
Şamot esaslı düşük çimentolu beton / Low cement castable based on chamotte.														
SELCAST C45 LC	45,0	47,0	1,2	1,5	3,5	0,5	1,0	2,3	400	8	0 - 5	1.350	1,5	1,6
Şamot esaslı düşük çimentolu beton / Low cement castable based on chamotte.														
SELCAST C50 LC	51,0	42,0	1,2	1,5	2,5	0,5	1,0	2,35	450	8	0 - 5	1.430	1,6	1,7
Şamot ve boksit esaslı düşük çimentolu beton / Low cement castable based on chamotte and bauxite														
SELCAST C60 LC	61,0	32,0	1,4	1,8	2,5	0,4	0,6	2,45	600	8	0 - 5	1.480	1,7	1,8
Şamot ve boksit esaslı düşük çimentolu beton / Low cement castable based on chamotte and bauxite.														
SELCAST AN60 LC	61,0	34,0	0,7	1,0	2,0	0,2	0,5	2,65	600	6	0 - 5	1.550	1,8	1,9
Andaluzit esaslı düşük çimentolu beton / Low cement castable based on andalusite.														
SELCAST AN65 LC	66,0	27,0	0,7	0,6	2,0	0,2	0,5	2,70	600	6	0 - 5	1.580	1,9	2,0
Andaluzit esaslı düşük çimentolu beton / Low cement castable based on andalusite.														
SELCAST B70 LC	72,0	20,0	1,6	2,5	2,5	0,4	0,6	2,55	600	7	0 - 5	1.500	2,0	2,1
Boksit esaslı düşük çimentolu beton / Low cement castable based on bauxite.														
SELCAST B75 LC	75,0	17,0	1,6	2,8	2,5	0,4	0,6	2,60	600	7	0 - 5	1.520	2,0	2,1
Boksit esaslı düşük çimentolu beton / Low cement castable based on bauxite.														
SELCAST B80 LC	81,0	11,0	1,5	3	2,2	0,4	0,6	2,80	700	6	0 - 5	1.580	2,0	2,1
Boksit esaslı düşük çimentolu beton / Low cement castable based on bauxite.														
SELCAST B85 LC	85,0	8,0	1,0	2,7	2,2	0,2	0,6	2,85	800	6	0 - 5	1.600	2,1	2,2
Boksit esaslı düşük çimentolu beton / Low cement castable based on bauxite.														

PÜSKÜRTME BETONLARI

GUNNING CASTABLES

KALİTE QUALITY	KİMYASAL BİLEŞENLER (TİPİK) / CHEMICAL COMPONENTS (TYPICAL)							FİZİKSEL ÖZELLİKLER (TİPİK) / PHYSICAL PROPERTIES (TYPICAL)						
								Bulk Density Hacim Ağırlık	Cold Crushing Strength Soğuk Basma Mukavemeti	Water Needed for Appl. Uygulama Suyu Miktarı	Grain Size Tane Boyutu	Service Temparature Çalışma Sıcaklığı	Thermal Cond. / Termal İletkenlik (W/m.K)	
	Al_2O_3	SiO_2	Fe_2O_3	TiO_2	CaO	MgO	Na_2O+K_2O						800°	1100°
	%	%	%	%	%	%	%	g/cm^3	kg/cm^2	lt / 100 kg	mm	°C	%	%
SELGUN C40	40,0	42,0	5,0	1,5	9,0	0,4	1,0	2,15	30,0	14 - 15	0 - 5	1280	0,9	1,1
	Hidrolik bağlı ve şamot esaslı püskürtme beton / Hydraulic bonded gunning castable based on chamotte.													
SELGUN C45	45,0	38,0	5,0	1,5	9,0	0,4	1,0	2,20	30,0	14 - 15	0 - 5	1300	0,9	1,1
	Hidrolik bağlı ve şamot esaslı püskürtme beton / Hydraulic bonded gunning castable based on chamotte.													
SELGUN B50	50,0	37,0	1,6	1,9	8,0	0,2	0,6	2,20	30,0	14 - 15	0 - 5	1380	1,1	1,3
	Hidrolik bağlı ve şamot esaslı püskürtme beton / Hydraulic bonded gunning castable based on chamotte.													
SELGUN B60	60,0	29,0	1,4	2,0	6,0	0,2	0,6	2,30	35,0	13 - 14	0 - 5	1430	1,2	1,4
	Hidrolik bağlı ve şamot esaslı püskürtme beton / Hydraulic bonded gunning castable based on chamotte.													
SELGUN B70	70,0	19,0	1,6	2,5	6,0	0,2	0,6	2,50	50,0	12 - 13	0 - 5	1470	1,4	1,6
	Hidrolik bağlı ve boksit esaslı püskürtme beton / Hydraulic bonded gunning castable based on bauxite.													
SELGUN B80	80,0	8,0	1,5	2,7	6,0	0,2	0,6	2,55	50,0	12 - 13	0 - 5	1500	1,5	1,8
	Hidrolik bağlı ve boksit esaslı püskürtme beton / Hydraulic bonded gunning castable based on bauxite.													

İZOLE BETONLAR

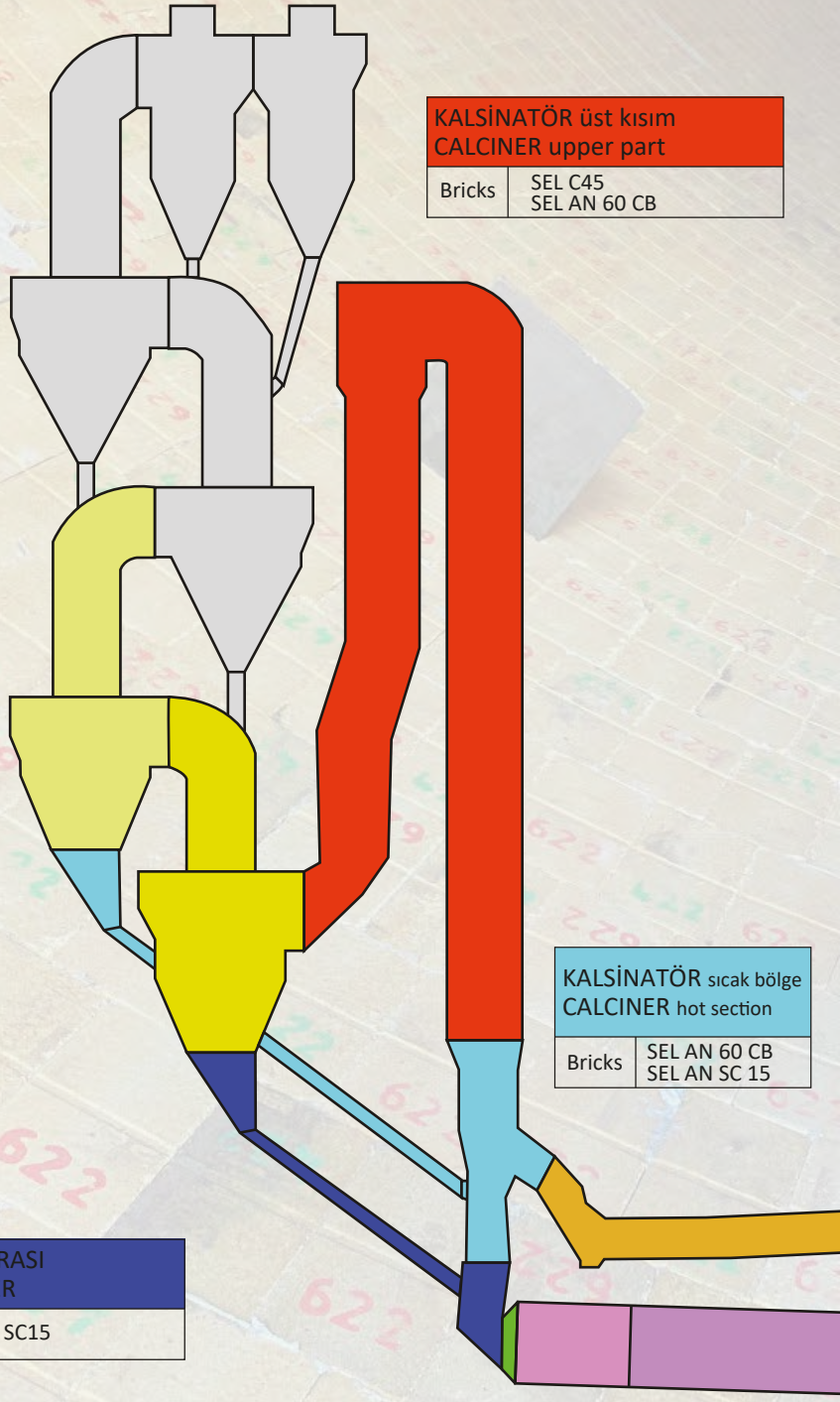
INSULATING CASTABLES

KALİTE QUALITY	KİMYASAL BİLEŞENLER (TİPİK) / CHEMICAL COMPONENTS (TYPICAL)							FİZİKSEL ÖZELLİKLER (TİPİK) / PHYSICAL PROPERTIES (TYPICAL)						
								Bulk Density Hacim Ağırlık	Cold Crushing Strength Soğuk Basma Mukavemeti	Water Needed for Appl. Uygulama Suyu Miktarı	Grain Size Tane Boyutu	Service Temparature Çalışma Sıcaklığı	Thermal Cond. / Termal İletkenlik (W/m.K)	
	Al_2O_3	SiO_2	Fe_2O_3	TiO_2	CaO	MgO	Na_2O+K_2O						500°	800°
	%	%	%	%	%	%	%	g/cm^3	kg/cm^2	lt / 100 kg	mm	°C	%	%
SELISOCAST 800	27,0	44,0	7,0	1,5	16,0	0,5	3,0	0,70	30,0	90 - 100	0 - 4	800	0,2	0,25
	İzolasyon betonu / Insulation castable.													
SELISOCAST 1000	27,0	45,0	7,0	1,2	16,0	0,5	2,5	0,90	40,0	70 - 80	0 - 4	1000	0,25	3,0
	İzolasyon betonu / Insulation castable.													
SELISOCAST 1200	32,0	42,0	7,0	1,5	14,0	0,4	2,0	1,10	60,0	35 - 45	0 - 4	1200	0,35	0,4
	İzolasyon betonu / Insulation castable.													

KALİTE QUALITY	KİMYASAL BİLEŞENLER (TİPİK) / CHEMICAL COMPONENTS (TYPICAL)						Water Needed for Appl. Uygulama Suyu Miktarı	Grain Size Tane Boyutu	Service Temparature Çalışma Sıcaklığı
	Al_2O_3	SiO_2	Fe_2O_3	TiO_2	CaO+MgO	Na_2O+K_2O			
	%	%	%	%	%	%	lt / 100 kg	mm	°C
SELMOR C30	30,0	63,0	2,2	2,0	1,0	1,0	45 - 55	0 - 0,5	1.270
	Şamot esaslı tuğlalar için örgü harcı / Lining mortar for chamotte bricks.								
SELMOR C35	35,0	58,0	2,5	2,0	1,0	1,0	45 - 55	0 - 0,5	1.280
	Şamot esaslı tuğlalar için örgü harcı / Lining mortar for chamotte bricks.								
SELMOR C40	40,0	53,0	2,0	2,2	1,0	1,0	45 - 55	0 - 0,5	1.300
	Şamot esaslı tuğlalar için örgü harcı / Lining mortar for chamotte bricks.								
SELMOR C40 S	41,0	53,0	1,5	2,2	1,0	1,0	45 - 55	0 - 0,5	1.320
	Şamot esaslı tuğlalar için örgü harcı / Lining mortar for chamotte bricks.								
SELMOR C45	45,0	48,0	2,0	2,4	1,0	1,0	45 - 60	0 - 0,5	1.350
	Şamot esaslı tuğlalar için örgü harcı / Lining mortar for chamotte bricks.								
SELMOR C45 S	45,0	49,0	1,4	2,4	1,0	1,0	45 - 60	0 - 0,5	1.370
	Şamot esaslı tuğlalar için örgü harcı / Lining mortar for chamotte bricks.								
SELMOR B50	51,0	42,0	2,0	2,0	1,0	1,0	40 - 50	0 - 0,5	1.430
	Boksit ve şamot esaslı tuğlalar için örgü harcı / Lining mortar for bauxite and chamotte based bricks.								
SELMOR B50 S	51,0	43,0	1,5	2,0	1,0	1,0	40 - 50	0 - 0,5	1.430
	Boksit ve şamot esaslı tuğlalar için örgü harcı / Lining mortar for bauxite and chamotte based bricks.								
SELMOR B60	60,0	33,0	2,1	2,5	1,0	1,0	40 - 50	0 - 0,5	1.480
	Boksit esaslı tuğlalar için örgü harcı / Lining mortar for bauxite based bricks.								
SELMOR B60 S	60,0	33,0	1,7	2,5	1,0	1,0	40 - 50	0 - 0,5	1.480
	Boksit esaslı tuğlalar için örgü harcı / Lining mortar for bauxite based bricks.								
SELMOR B70	70,0	23,0	2,0	2,8	1,0	1,0	35 - 45	0 - 0,5	1.530
	Boksit esaslı tuğlalar için örgü harcı / Lining mortar for bauxite based bricks.								
SELMOR B75	75,0	18,0	2,0	2,9	1,0	1,0	35 - 45	0 - 0,5	1.530
	Boksit esaslı tuğlalar için örgü harcı / Lining mortar for bauxite based bricks.								
SELMOR B80	80,0	13,0	1,8	2,5	1,0	1,0	35 - 45	0 - 0,5	1.550
	Boksit esaslı tuğlalar için örgü harcı / Lining mortar for bauxite based bricks.								
SELMOR B85	83,0	11,0	1,4	2,2	1,0	1,0	35 - 45	0 - 0,5	1.580
	Boksit esaslı tuğlalar için örgü harcı / Lining mortar for bauxite based bricks.								
SELMOR AN55	55,0	41,0	1,0	0,5	1,0	1,0	40 - 50	0 - 0,5	1.530
	Andaluzit esaslı tuğlalar için örgü harcı / Lining mortar for andalusite based bricks.								
SELMOR AN60	60,0	35,0	0,9	2,0	1,0	1,0	35 - 45	0 - 0,5	1.550
	Andaluzit esaslı tuğlalar için örgü harcı / Lining mortar for andalusite based bricks.								
SELMOR AN65	65,0	31,0	0,9	1,0	1,0	1,0	35 - 45	0 - 0,5	1.600
	Andaluzit esaslı tuğlalar için örgü harcı / Lining mortar for andalusite based bricks.								

ÇİMENTO KALİTELERİ

CEMENT QUALITIES



SİKLONLAR / GAZ BORULARI CYCLONES / GAS DUCTS üst kademeler-upper stages	
Bricks	SEL C30 SEL C35

KALSİNATÖR üst kısım CALCINER upper part	
Bricks	SEL C45 SEL AN 60 CB

SİKLONLAR / GAZ BORULARI CYCLONES / GAS DUCTS orta kademeler-middle stages	
Bricks	SEL C35 SEL C45

KALSİNATÖR sıcak bölge CALCINER hot section	
Bricks	SEL AN 60 CB SEL AN SC 15

SİKLONLAR / GAZ BORULARI CYCLONES / GAS DUCTS alt kademeler-lower stages	
Bricks	SEL C45 SEL AN SC5

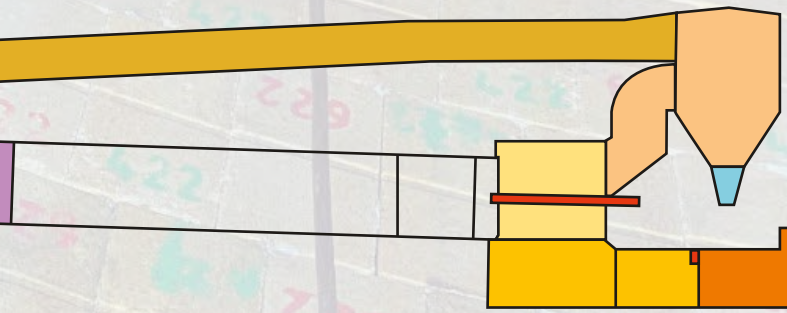
İNTİKAL KAMARASI INLET CHAMBER	
Bricks	SEL AN SC15

DÖNER FIRIN kalsinasyon bölgesi ROTARY KILN calcination zone	
Normal Conditions	SEL B50 SEL B60 SEL B70
Severe Conditions	SEL AN SC5

DÖNER FIRIN kalsinasyon bölgesi ROTARY KILN calcination zone	
Normal Conditions	SEL B60 SEL B70 SEL B80
Severe Conditions	SEL AN SC10 SEL AN SC15

TERSİYER HAVA BORUSU TERTIARY AIR DUCT	
Bricks	SEL C45 SEL B60

TOZ SİKLONU / GİRİŞ BACASI TERTIARY CYCLONE / INLET DUCT	
Bricks	SEL AN 60 CB SEL B85



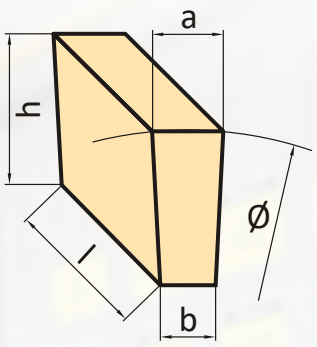
FIRIN KAFASI KILN HOOD	
Bricks	SEL B80 SEL B85

SOĞUTMA sıcak bölge COOLER hot section	
Bricks	SEL B85 SEL AN SC15

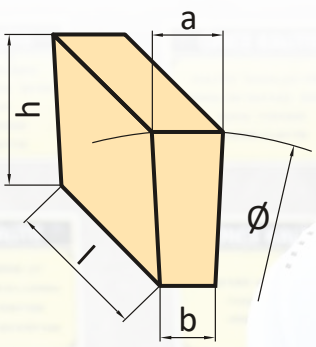
SOĞUTMA soğuk bölge COOLER cool section	
Bricks	SEL C45

DÖNER FIRIN TUĞLALARI (ISO)

ROTARY KILN BRICKS (ISO)



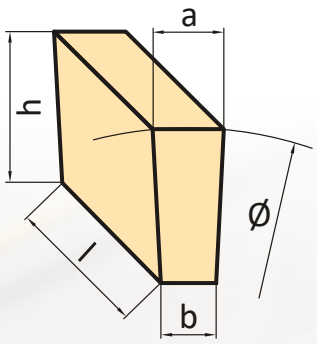
Poz / Shape	Ölçüler / Dimensions (mm)				Hacim / Volume dm3	Dış çap / Diameter 2R mm
	a	b	h	l		
216	103	86	160	198	2,99	1.958
316	103	92			3,09	3.025
416	103	94.5			3,12	3.915
516	103	96.5			3,16	5.120
616	103	97.5			3,17	6.051
716	103	98.3			3,19	7.081
816	103	98.5			3,19	7.396
P 16	83	77.5			2,54	
P+16	93	87.5			2,85	
118	103	66	180	198	3,01	1.012
218	103	84			3,33	1.971
318	103	90.5			3,44	2.995
418	103	93.5			3,50	3.941
518	103	95.5			3,53	4.992
618	103	97			3,56	6.240
718	103	97.7			3,57	7.064
P 18	83	77			2,85	
P+18	93	87			3,20	
120	103	61	200	198	3,24	990
220	103	82			3,66	1.981
320	103	89			3,80	2.971
420	103	92.5			3,87	3.962
520	103	94.7			3,91	5.012
620	103	96.2			3,94	6.118
720	103	97			3,96	6.933
820	103	97.8			3,97	8.000
P 20	83	76.2			3,15	
P+20	93	86.2			3,54	



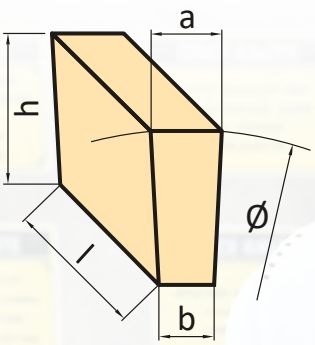
Poz / Shape	Ölçüler / Dimensions (mm)				Hacim / Volume dm3	Dış çap / Diameter 2R mm
	a	b	h	l		
222	103	80	220	198	3,98	1.990
322	103	88			4,16	3.051
422	103	91.5			4,23	3.979
522	103	94			4,29	5.084
622	103	95.5			4,32	6.101
722	103	96.5			4,34	7.040
822	103	97.3			4,36	8.028
P 22	83	75.5			3,42	
P+22	93	85.5			3,88	
225	103	77	250	198	4,46	2.019
325	103	85.5			4,67	3.000
425	103	90			4,78	4.038
525	103	92.7			4,84	5.097
625	103	94.5			4,89	6.176
725	103	95.5			4,91	7.000
825	103	96.5			4,94	8.077
P 25	83	74.5			3,90	
P+25	93	85.5			4,39	
230	103	71.6	300	198	5.49	2.006
330	103	82			5.49	3.000
430	103	87.3			5.65	4.013
630	103	92.5			5.81	6.000
830	103	95			5.88	7.875
P 30	83	72.5			4,61	
P+30	93	82.5			5,21	

DÖNER FIRIN TUĞLALARI (ISO)

ROTARY KILN BRICKS (ISO)



Poz / Shape	Ölçüler / Dimensions (mm)				Hacim / Volume dm3	Dış çap / Diameter 2R mm
	a	b	h	l		
220 L	103	82	200	300	5,55	1.981
320 L	103	89			5,76	2.971
420 L	103	92.5			5,86	3.962
520 L	103	94.7			5,97	5.012
620 L	103	96.2			6,02	6.118
P 20 L	83	76.2			4,77	
P+20 L	93	86.2			5,37	
222 L	103	80	220	300	6,03	1.990
322 L	103	88			6,30	3.051
422 L	103	91.5			6,41	3.979
622 L	103	95.5			6,55	6.101
P 22 L	83	75.5			5,23	
P+22 L	93	85.5			5,89	
225 L	103	77	250	300	6,75	2.000
425 L	103	90			7,23	4.000
625 L	103	94.5			7,40	6.118
825 L	103	96.5			7,48	8.000
P 25 L	83	74.5			5,90	
P+25 L	93	85.5			6,65	

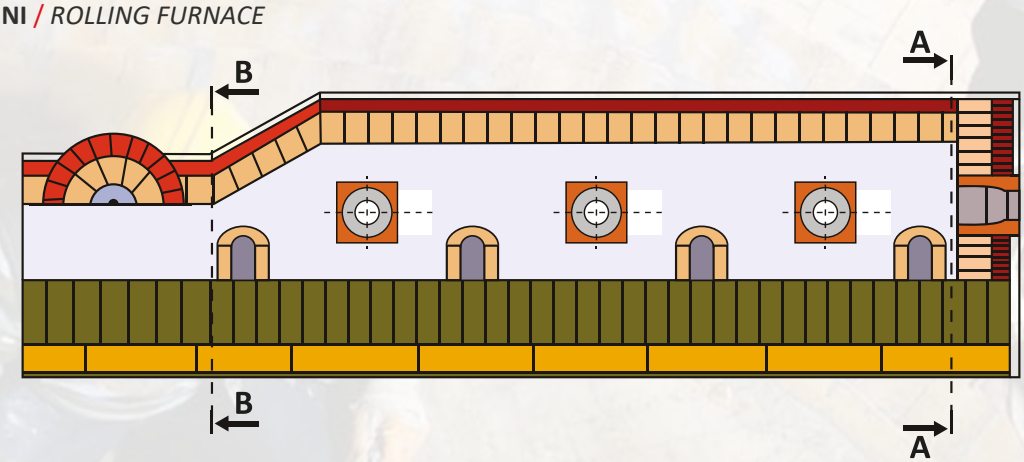


Poz / Shape	Ölçüler / Dimensions (mm)				Hacim / Volume dm3	Dış çap / Diameter 2R mm
	a	b	h	l		
3K 110	103	82	100	198	1,83	990
3K 210	103	92.5			1,93	1.981
3K 310	103	96			1,97	2.971
3K 410	103	97.8			1,99	4.000
3K 610	103	99.6			2,01	6.118
P 10	71	64			1,34	
P+10	78	71			1,48	
3K 111	103	79.5	114	198	2,06	1.009
3K 211	103	91			2,20	1.976
3K 311	103	95			2,24	2.964
3K 411	103	97			2,26	3.952
3K 511	103	98			2,27	5.000
3K 611	103	99			2,28	5.928
3K 811	103	100			2,30	7.904
P 11	83	79			1,82	
P+11	93	89			2,05	
3K 115	103	72	150	198	2,59	1.006
3K 215	103	87.5			2,82	2.013
3K 315	103	92.5			2,90	2.971
3K 415	103	95.5			2,94	4.160
3K 615	103	98			2,98	6.240
3K 815	103	99			3,00	7.800
P 15	83	78			2,39	
P +15	93	88			2,68	

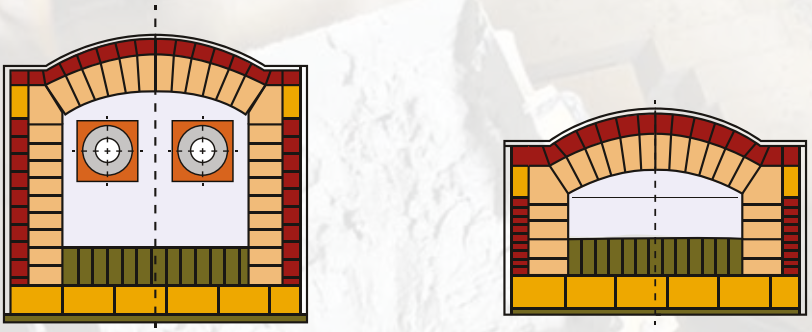
HADDE FIRINI - ÇELİK POTA KALİTELERİ

ROLLING FURNACE - STEEL LADLE QUALITIES

HADDANE FIRINI / *ROLLING FURNACE*

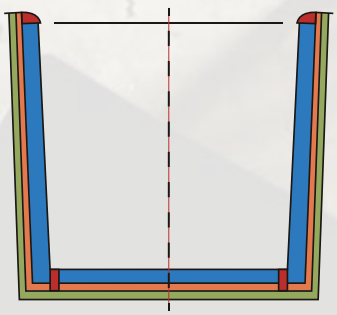


FIRIN YAN DUVARLARI BOY KESİT / *FURNACE SIDEWALLS VERTICAL SECTIONING*

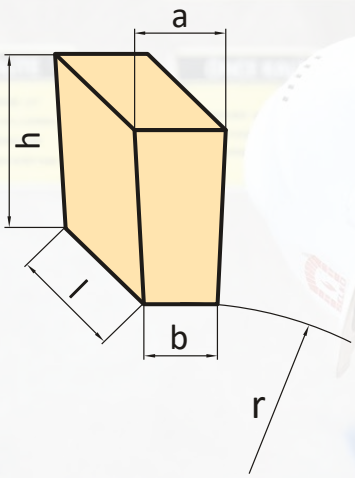


Bölge / Zone	Tuğla / Shapped	Harç / Unshapped
Tavan ve Yan Duvar / Roof and Sidewall	SEL B70 SEL B60 SEL C45 SEL C42	SELMOR B80 SELMOR B60
Tavan İzolasyon / Roof Insulation	CERAMIC FIBER BLANKET	SELMOR C45
İzolasyon / Insulating	CERAMIC BOARD	———
İzolasyon / Insulating	SELISO 100 SELISO 80	SELMOR ISOLITE
Emniyet Astarı / Permanent	SEL C45 SEL C40	SELMOR C45
Taban Aşınma Astarı / Bottom Wear Lining	SEL B85 SEL B60	SELMOR B80

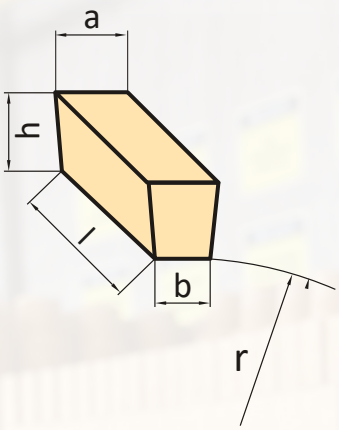
ÇELİK DÖKÜM POTASI (Alümina Örgü) / *STEEL CASTING LADLE (Alumina Lining)*



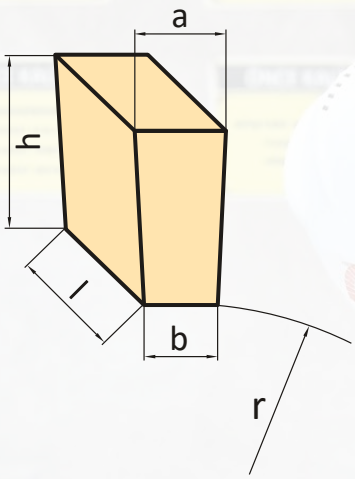
Bölge / Zone	Tuğla / Shapped	Harç / Unshapped
Emniyet Astarı / Permanent Lining	SEL C45 SEL B80 SEL B85 SEL AN 60	SELMOR C45 SELMOR B80



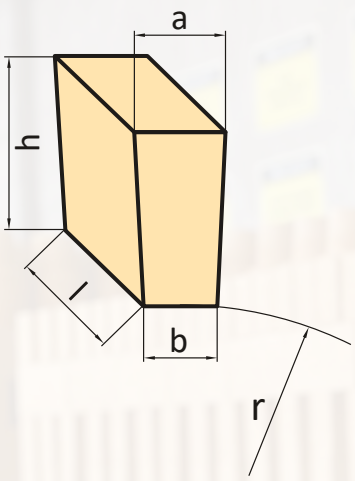
Poz / Shape	Ölçüler / Dimensions (mm)				Hacim / Volume dm3	Yarıçap / Radius r mm
	a	b	h	l		
1P37	143	106	90	250	2,81	263
1P26	138	112			2,81	395
1P24	137	113			2,81	431
1P18	134	116			2,81	590
1P8	129	121			2,81	1384
1P0	125	125			2,81	-
2P24	137	113	124	250	3,88	594
2P10	130	120			3,88	1513
2P0	125	125			3,88	-
3P20	110	90	155	250	3,88	713
3P10	105	95			3,88	1504
3P8	104	96			3,88	1899
3P0	100	100			3,88	-
4P22	111	89	187	250	4,68	774
4P12	106	94			4,68	1496
4P8	104	96			4,68	2291
4P0	100	100			4,68	-
5P36	118	82	220	250	5,50	513
5P22	111	89			5,50	910
5P16	108	92			5,50	1293
5P8	104	96			5,50	2695
5P0	100	100			5,50	-
6P50	125	75	250	250	6,25	385
6P26	113	87			6,25	856
6P18	109	91			6,25	1292
6P10	105	95			6,25	2425
6P0	100	100			6,25	-
7P18	109	91	280	250	7,00	1447
7P12	106	94			7,00	2240



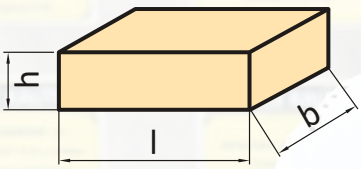
Poz / Shape	Ölçüler / Dimensions (mm)				Hacim / Volume dm3	Yarıçap / Radius r mm
	a	b	h	l		
1H6	67	61	114	230	1,68	1197
1H10	69	59			1,68	695
1H16	72	56			1,68	413
1H24	76	52			1,68	257
1H38	83	45			1,68	141
1H50	89	39			1,68	93
1H6/76	79	73			1,99	1425
1H10/76	81	71			1,99	832
1H16/76	84	68			1,99	499
1H24/76	88	64			1,99	314
1H38/76	95	57			1,99	177
1H50/76	101	51			1,99	121
2H6	67	61	124	250	1,98	1302
2H10	69	59			1,98	756
2H16	72	56			1,98	450
2H24	76	52			1,98	279
2H38	83	45			1,98	153
2H50	89	39			1,98	102
2H6/76	79	73			2,36	1550
2H10/76	81	71			2,36	905
2H16/76	84	68			2,36	543
2H24/76	88	64			2,36	341
2H38/76	95	57			2,36	193
2H50/76	101	51			2,36	131
3H6	67	61	150	300	2,88	1.575
3H10	69	59			2,88	915
3H16	72	56			2,88	544
3H24	76	52			2,88	338
3H50	89	39			2,88	123
3H6/76	79	73			3,42	1.875
3H10/76	81	71			3,42	1.095
3H16/76	84	68			3,42	656
3H24/76	88	64			3,42	413
3H50/76	101	51			3,42	159



Poz / Shape	Ölçüler / Dimensions (mm)				Hacim / Volume dm3	Yarıçap / Radius r mm
	a	b	h	l		
1G4	66	62	230	114	1,68	3680
1G6	67	61			1,68	2415
1G10	69	59			1,68	1403
1G16	72	56			1,68	834
1G24	76	52			1,68	518
1G38	83	45			1,68	284
1G50	89	39			1,68	189
1G4/76	78	74			1,99	4370
1G6/76	79	73			1,99	2875
1G10/76	81	71			1,99	1679
1G16/76	84	68			1,99	1006
1G24/76	88	64			1,99	633
1G50/76	101	51			1,99	244
1GG4	66	62	230	230	3,39	3680
1GG6	67	61			3,39	2415
1GG10	69	59			3,39	1403
1GG16	72	56			3,39	834
1GG24	76	52			3,39	518
1GG38	83	45			3,39	284
1GG50	89	39			3,39	189
1GG4/76	78	74			4,02	4370
1GG10/76	81	71			4,02	1679
1GG16/76	84	68			4,02	1006
1GG24/76	88	64			4,02	633
1GG50/76	101	51			4,02	244
1GB4	66	62	230	172	2,53	3680
1GB10	69	59			2,53	1403
1GB16	72	56			2,53	834
1GB24	76	52			2,53	518
1GB50	89	39			2,53	189
1GB4/76	78	74			3,01	4370
1GB10/76	81	71			3,01	1679
1GB16/76	84	68			3,01	1006
1GB24/76	88	64			3,01	633



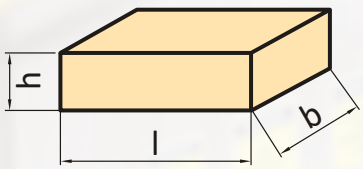
Poz / Shape	Ölçüler / Dimensions (mm)				Hacim / Volume dm3	Yarıçap / Radius r mm
	a	b	h	l		
2G4	66	62	250	124	1,98	4000
2G6	67	61			1,98	2625
2G10	69	59			1,98	1525
2G16	72	56			1,98	906
2G24	76	52			1,98	563
2G38	83	45			1,98	309
2G50	89	39			1,98	205
2G4/76	78	74			2,36	4750
2G6/76	79	73			2,36	3125
2G10/76	81	71			2,36	1825
2G16/76	84	68			2,36	1094
2G24/76	88	64			2,36	688
2G50/76	101	51			2,36	265
2GG4	66	62	250	250	4,00	4000
2GG6	67	61			4,00	2625
2GG10	69	59			4,00	1525
2GG16	72	56			4,00	906
2GG24	76	52			4,00	563
2GG38	83	45			4,00	309
2GG50	89	39			4,00	205
2GG4/76	78	74			4,75	4750
2GG10/76	81	71			4,75	1825
2GG16/76	84	68			4,75	1094
2GG24/76	88	64			4,75	688
2GG50/76	101	51			4,75	265
2GB4	66	62	250	187	2,99	4000
2GB10	69	59			2,99	1525
2GB16	72	56			2,99	906
2GB24	76	52			2,99	563
2GB50	89	39			2,99	205
2GB4/76	78	74			3,55	4750
2GB10/76	81	71			3,55	1825
2GB16/76	84	68			3,55	1094
2GB24/76	88	64			3,55	688



Poz / Shape	Ölçüler / Dimensions (mm)			Hacim / Volume
	l	b	h	dm3
NF1	230	114	64	1,68
NF2	250	124	64	1,98
NF3	300	150	64	2,88
1-76	230	114	76	1,99
2-76	250	124	76	2,36
3-76	300	150	76	3,42
1L	345	114	64	2,52
2L	375	124	64	2,98
3L	450	150	64	4,32
1L-76	345	114	76	2,99
2L-76	375	124	76	3,53
3L-76	450	150	76	5,13
1K	172	114	64	1,25
2K	187	124	64	1,48
3K	225	150	64	2,16
1K-76	172	114	76	1,49
2K-76	187	124	76	1,76
3K-76	225	150	76	2,57
1D	230	230	64	3,39
2D	250	250	64	4,00
3D	300	300	64	5,76
1D-76	230	230	76	4,02
2D-76	250	250	76	4,75
3D-76	300	300	76	6,84

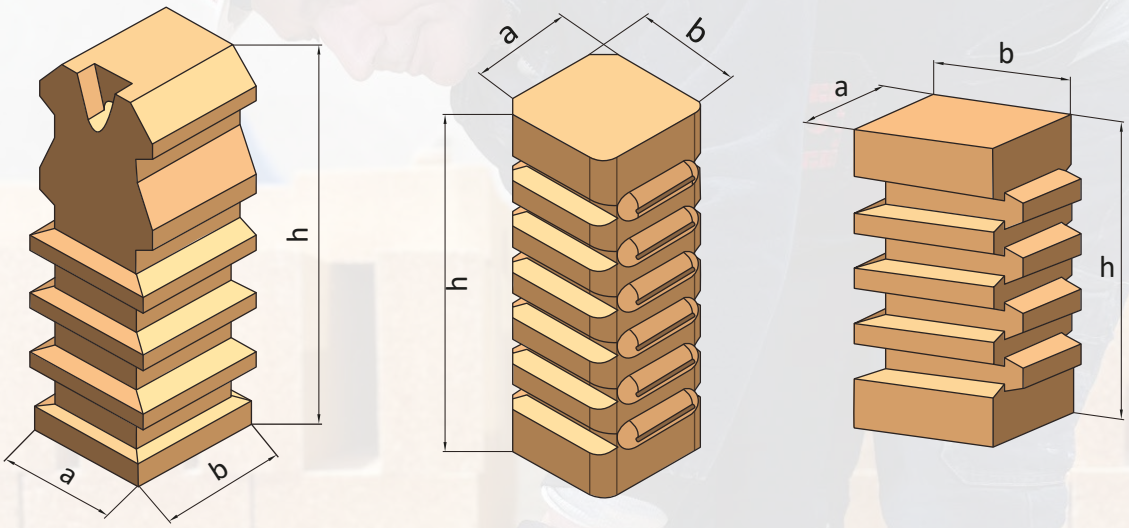
STANDART TUĞLALAR

STANDARD BRICKS



Poz / Shape	Ölçüler / Dimensions (mm)			Hacim / Volume
	l	b	h	dm3
1B	230	172	64	2,53
2B	250	187	64	2,99
3B	300	225	64	4,32
1B-76	230	172	76	3,01
2B-76	250	187	76	3,55
3B-76	300	225	76	5,13
1LB	345	172	64	3,80
2LB	375	187	64	4,49
3LB	450	225	64	6,48
1LB-76	345	172	76	4,51
2LB-76	375	187	76	5,33
3LB-76	450	225	76	7,70
1BK	172	172	64	1,89
2BK	187	187	64	2,24
3BK	225	225	64	3,24
1BK-76	172	172	76	2,25
2BK-76	187	187	76	2,66
3BK-76	225	225	76	3,85
1-32	230	114	32	0,84
2-32	250	124	32	0,99
3-32	300	150	32	1,44
1-38	230	114	38	1,00
2-38	250	124	38	1,18
3-38	300	150	38	1,71

Poz / Shape	Ölçüler / Dimensions (mm)			Hacim / Volume
	a	b	h	dm3
A 300 - L 350	120	120	350	4,00
A 300 - L 300	120	120	300	3,40
A 300 - L 250	120	120	250	2,90
A 300 - L 200	120	120	200	2,30
324x114x114	114	114	325	3,75
230x114x114	114	114	230	2,90













DEMİR ÇELİK SEKTÖRÜ / *IRON AND STEEL INDUSTRY*

No	MÜŞTERİ / FABRİKA CUSTOMER / PLANT	ŞEHİR / CITY	KULLANIM BÖLGESİ / PLACE OF USE
1	ERDEMİR A.Ş.	KDZ.EREĞLİ	GENEL / GENERAL
2	KARDEMİR A.Ş.	KARABÜK	GENEL / GENERAL
3	İSDEMİR A.Ş.	İSKENDERUN	GENEL / GENERAL
4	ASİL ÇELİK A.Ş.	ORHANGAZİ / BURSA	GENEL / GENERAL
5	TOSYALI HOLDİNG	OSMANİYE	GENEL / GENERAL
6	YAZICI DEMİR ÇELİK	İSKENDERUN	GENEL / GENERAL
7	DİLER DEMİR ÇELİK	KOCAELİ	GENEL / GENERAL
8	ÇOLAKOĞLU METALURJİ	KOCAELİ	GENEL / GENERAL
9	MESCİER DEMİR ÇELİK	BARTIN	GENEL / GENERAL
10	KILIÇLAR DEMİR ÇELİK	İZMİR	GENEL / GENERAL
11	KARDÖKMAK A.Ş.	KARABÜK	GENEL / GENERAL
12	YEŞİLYURT DEMİR ÇELİK	SAMSUN	GENEL / GENERAL
13	DEMORA FABRİKA İMALAT SANAYİ	KARABÜK	GENEL / GENERAL
14	MKE AĞIR SİLAH ve ÇELİK FABRİKALARI	KIRIKKALE	GENEL / GENERAL
15	KAPTAN DEMİR ÇELİK	TEKİRDAĞ	GENEL / GENERAL
16	HABAŞ	İZMİR	GENEL / GENERAL
17	UYAR ÇELİK ENDÜSTRİSİ A.Ş.	KARABÜK	GENEL / GENERAL
18	AYGÜNSAN DEMİR ÇELİK	KARABÜK	GENEL / GENERAL
19	BOSKAY METAL LTD.ŞTİ.	KARABÜK	GENEL / GENERAL
20	IŞIK ÇELİK	KARABÜK	GENEL / GENERAL
21	İZMİR DEMİR ÇELİK	İZMİR	GENEL / GENERAL
22	KIRIKKALE DEMİR ÇELİK	KIRIKKALE	GENEL / GENERAL
23	R.T.I MÜHENDİSLİK	DENİZLİ	GENEL / GENERAL

ÇİMENTO SEKTÖRÜ / *CEMENT INDUSTRY*

1	VEZİRHAN ÇİMENTO	BİLECİK	DÖNER FIRIN / ROTARY KILN
2	BURSA ÇİMENTO	BURSA	DÖNER FIRIN / ROTARY KILN
3	BİLİM MAKİNA	TURKMENISTAN	YENİ YATIRIM / ÖN ISITICI NEW INVEST. /PRE-HEAT
4	BARTIN ÇİMENTO	BARTIN	TERSİYER HATTI TERTIARY AIR DUCT
5	AŞKALE ÇİMENTO SAN.T.A.Ş. VAN ÇİMENTO	VAN	YENİ YATIRIM / ÖN ISITICI NEW INVEST. /PRE-HEAT
6	AŞKALE ÇİMENTO SAN.T.A.Ş. GÜMÜŞHANE ÇİMENTO	GÜMÜŞHANE	YENİ YATIRIM / ÖN ISITICI NEW INVEST. /PRE-HEAT
7	LİMAK ANKARA ÇİMENTO	ANKARA	YENİ YATIRIM / ÖN ISITICI NEW INVEST. /PRE-HEAT
8	OYAK ADANA ÇİMENTO A.Ş.	ADANA	YENİ YATIRIM / ÖN ISITICI NEW INVEST. /PRE-HEAT
9	SOMA ÇİMENTO A.Ş.	MANİSA	YENİ YATIRIM / ÖN ISITICI NEW INVEST. /PRE-HEAT
10	BATIÇİM BATI ANADOLU ÇİMENTO SANAYİİ A.Ş.	İZMİR	ÖN ISITICI / PRE-HEAT
11	İTAŞ İNŞ.TAAH.ve TİC.A.Ş.	İSTANBUL	GENEL / GENERAL

DEMİR DIŞI VE DİĞER SEKTÖRLER / *NON-FERROUS AND OTHER INDUSTRY*

No	MÜŞTERİ / FABRİKA CUSTOMER / PLANT	ŞEHİR / CITY	KULLANIM BÖLGESİ / PLACE OF USE
1	TÜPRAŞ A.Ş.	İZMİT	GENEL/GENERAL
2	KİMTAŞ KİREÇ SAN.A.Ş. BARTIN FAB.	BARTIN	GENEL/GENERAL
3	KİMTAŞ KİREÇ SAN.A.Ş. BERGAMA FAB.	BERGAMA/İZMİR	GENEL/GENERAL
4	KİMTAŞ KİREÇ SAN.A.Ş. PINARHİSAR FAB.	PINARHİSAR/KIRKLARELİ	GENEL/GENERAL
5	KARKİREÇ SANAYİ A.Ş.	BURSA	GENEL/GENERAL
6	KÜRE KİREÇ SAN.A.Ş.	KASTAMONU	GENEL/GENERAL
7	KÜTAHYA ŞEKER FABRİKASI	KÜTAHYA	GENEL/GENERAL
8	KONYA ŞEKER FABRİKASI	KONYA	GENEL/GENERAL
9	HEKİMHAN MADENCİLİK	MALATYA	DÖNER FIRIN / ROTARY KILN
10	TURKMEX ÇİNKO	İZMİR	DÖNER FIRIN / ROTARY KILN
11	AKCOAT	SAKARYA	GENEL/GENERAL
12	EÜAŞ TERMİK SANTRALİ	MUĞLA	GENEL/GENERAL
13	EÜAŞ SEYİTÖMER TERMİK SANTRALİ	KÜTAHYA	GENEL/GENERAL
14	SEAŞ TERMİK SANTRALİ	SOMA/MANİSA	GENEL/GENERAL
15	YEAŞ TERMİK SANTRALİ	YATAĞAN/MUĞLA	GENEL/GENERAL
16	EÜAŞ TUNÇBİLEK TERMİK SANTRALİ	TAVŞANLI/KÜTAHYA	GENEL/GENERAL
17	ÇATES ÇATALAĞZI TERMİK SANTRALİ	ZONGULDAK	GENEL/GENERAL
18	KANGAL TERMİK SANTRALİ	SEYDİŞEHİR/KONYA	GENEL/GENERAL
19	ETİ ALÜMİNYUM A.Ş.	SEYDİŞEHİR/KONYA	GENEL/GENERAL
20	IŞIKLAR TUĞLA SAN.A.Ş.	BARTIN	GENEL/GENERAL
21	KILIÇOĞLU KİREMİT VE ÇATI SİSTEMLERİ	ESKİŞEHİR	GENEL/GENERAL
22	DERYA TOPRAK SAN.A.Ş.	TEKİRDAĞ	GENEL/GENERAL
23	KERAMİK MAKİNA SAN.LTD.ŞTİ.	KOCAELİ	GENEL/GENERAL
24	GÜRDAĞ TRADING TUĞLA SAN.	KKTC	GENEL/GENERAL
25	KASTAMONU ENTEGRE AĞAÇ SAN.A.Ş.	İSTANBUL	GENEL/GENERAL
26	GENTAŞ A.Ş.	BOLU	GENEL/GENERAL
27	TEKFEN İNŞAAT VE TESİSAT A.Ş.	İSTANBUL	GENEL/GENERAL
28	ORUÇOĞLU YAĞ SAN.A.Ş.	AFYON	GENEL/GENERAL



KALİTE YÖNETİM SİSTEMİ BELGESİ

QUALITY MANAGEMENT SYSTEM CERTIFICATE

EK / APPENDIX

Belge No / Certificate No: KY-4632-06/09-R15

Belgeli Kuruluş Adı, Adresi:

Name and Address of the Certified Organization:

SELKO ATEŞ TUĞLA SANAYİ VE TİC. A.Ş.
OSB 7. CAD. KURTKÖY -
BARTIN / TÜRKİYE

Belge Kapsamı:

TS EN ISO 9001:2015

ATEŞ TUĞLA

ÜRETİMİ

K - Q
TSE-ISO-EN
9001

Belge Tarihi / Date of Certificate: 09.05.2024

Scope of the Certificate:

TS EN ISO 9001:2015

PRODUCTION OF

FIREBRICK

0609052024113600O1



KALİTE YÖNETİM SİSTEMİ BELGESİ

QUALITY MANAGEMENT SYSTEM CERTIFICATE

TÜRK STANDARDLARI ENSTİTÜSÜ
bu belge ile

SELKO ATEŞ TUĞLA SANAYİ VE TİC. A.Ş.
OSB 7. CAD. KURTKÖY -
BARTIN / TÜRKİYE

kuruluşunun TS EN ISO 9001:2015 şartlarına uygun bir KALİTE YÖNETİM SİSTEMİNE sahip olduğunu onaylar.

Belge kapsamı Ek'te verilmiştir

TURKISH STANDARDS INSTITUTION
hereby certifies that the organization

SELKO ATEŞ TUĞLA SANAYİ VE TİC. A.Ş.
OSB 7. CAD. KURTKÖY -
BARTIN / TÜRKİYE

has a QUALITY MANAGEMENT SYSTEM which fulfills the requirements of the TS EN ISO 9001:2015

Scope of the certificate is given in annex

K - Q
TSE-ISO-EN
9001

TÜRK STANDARDLARI ENSTİTÜSÜ
TURKISH STANDARDS INSTITUTION

Sistem Belgelendirme Grup Başkanı
Head of System Certification Group

Alper KARA

Türk Standardları Enstitüsü Türk Akreditasyon Kurumu TÜRKAK tarafından akredite edilmiştir.
Turkish Standards Institution, has been accredited by the Turkish Accreditation Agency TÜRKAK.

Belge No / Certificate No
KY-4632-06/09-R15
Belge Tarihi / Date of Certificate
09.05.2024
Geçerlilik Tarihi / Valid Until
08.06.2027
Revizyon Tarihi / Date of Revision
09.05.2024
İlk Belge Tarihi / Initial Certification Date
22.08.2006

This certificate is valid provided that compliance with the certification requirement is maintained.

0609052024113600O1

IQNet

Building trust together.

Certificate

TSE has issued an IQNet recognized certificate that the organization:

SELKO ATEŞ TUĞLA SANAYİ VE TİC. A.Ş.

OSB 7. CAD. KURTKÖY -
BARTIN / TÜRKİYE

has implemented and maintains a

QUALITY MANAGEMENT SYSTEM

for the following scope:

Scope of the certificate is given in annex

which fulfills the requirements of the following standard:

TS EN ISO 9001:2015

Issued on: 09-05-2024

First Issued on: 22-08-2006

Expires on: 08-06-2027

Registration Number : TR-KY-4632-06/09-R15

Alex Stoichitoiu
President of IQNet

Alper KARA
Head of System Certification Group

This attestation is directly linked to the IQNet Member's original certificate and shall not be used as a stand-alone document.

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Certificate

Annex to IQNET Certificate Number :TR-KY-4632-06/09-R15

Name and Address of the certified organization

SELKO ATEŞ TUĞLA SANAYİ VE TİC. A.Ş.

OSB 7. CAD. KURTKÖY - BARTIN / TÜRKİYE

Scope of the Certificate

PRODUCTION OF

FIREBRICK

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SELKO ATEŞ TUĞLA SAN. ve TİC. A.Ş.

Organize San. Bölgesi Cumhuriyet Cad. No:6 Yanaz Köyü, BARTIN/TÜRKİYE

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