



SELKO ATEŐ TUĐLA



2024

REFRAKTER MALZEMELER



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 Bartın 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."

| KALİTE QUALITY | KİMYASAL BİLEŞENLER (TİPİK) / CHEMICAL COMPONENTS (TYPICAL) | | | | | | FİZİKSEL ÖZELLİKLER (TİPİK) / PHYSICAL PROPERTIES (TYPICAL) | | | | | | | | |
|-------------------|--|-----------------------|-------------------------------------|-----------------------|--------------|---|---|--|--|---|---|------------|--------------------------------------|------------|--|
| | Al ₂ O ₃ % | SiO ₂ % | Fe ₂ O ₃ % | TiO ₂ % | CaO+MgO % | Na ₂ O+K ₂ O % | Bulk Density Hacim Ağırlık g/cm ³ | Apparent Porosity Görünür Porozite % | Cold Crushing Strength Soğuk Basma Mukavemeti kg/cm ² | Refractoriness Under Load Yük Altında Refrakterlik Ta°C | Thermal Cond. / Termal İletkenlik (W/m.K) | | Thermal Expansion Isısal Genleşme | | |
| | | | | | | | | | | | 800° % | 1100° % | 800° % | 1000° % | |
| 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) | | | | | | | |
|-------------------|--|------------------|--------------------------------|------------------|---------|------------------------------------|-------------------------------|---|---|---|---|---|-------|--------------------------------------|-------|
| | Al ₂ O ₃ | SiO ₂ | Fe ₂ O ₃ | TiO ₂ | CaO+MgO | Na ₂ O+K ₂ O | P ₂ O ₅ | Bulk Density Hacim Ağırlık | Apparent Porosity Görünür Porozite | Cold Crushing Strength Soğuk Basma Mukavemeti | Refractoriness Under Load Yük Altında Refrakterlik | Thermal Cond. / Termal İletkenlik (W/m.K) | | Thermal Expansion İsasal Genleşme | |
| | | | | | | | | | | | | 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) | | | | | | | |
|-------------------|---|------------------|--------------------------------|------------------|---------|------------------------------------|--|---|---|--|---|---|-------|--------------------------------------|-------|
| | Al ₂ O ₃ | SiO ₂ | Fe ₂ O ₃ | TiO ₂ | CaO+MgO | Na ₂ O+K ₂ O | | Bulk Density Hacim Ağırlık | Apparent 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 | |
| | | | | | | | | | | | | 800° | 1100° | 800° | 1000° |
| 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) | | | | | | | |
|-------------------|---|------------------|------|--------------------------------|------------------|---------|------------------------------------|---|---|--|---|---|-------|--------------------------------------|-------|
| | Al ₂ O ₃ | SiO ₂ | SiC | Fe ₂ O ₃ | TiO ₂ | CaO+MgO | Na ₂ O+K ₂ O | Bulk Density Hacim Ağırlık | Apparent 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 | |
| | | | | | | | | | | | | 800° | 1100° | 800° | 1000° |
| 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. | | | | | | | | | | | | | | |



| KALİTE QUALITY | KİMYASAL BİLEŞENLER (TİPİK) / CHEMICAL COMPONENTS (TYPICAL) | | | | | | | FİZİKSEL ÖZELLİKLER (TİPİK) / PHYSICAL PROPERTIES (TYPICAL) | | | | | | |
|---|--|------------------|--------------------------------|------------------|-----|-----|------------------------------------|---|--|---|---------------------------|--|---|-------|
| | Al ₂ O ₃ | SiO ₂ | Fe ₂ O ₃ | TiO ₂ | CaO | MgO | Na ₂ O+K ₂ O | Bulk Density Hacim Ağırlık | Cold Crushing Strength Soğuk Basma Mukavemeti | Water Needed for Appl. Uygulama Suyu Miktarı | Grain Size Tane Boyutu | Service Temperature Çalışma Sıcaklığı | Thermal Cond. / Termal İletkenlik (W/m.K) | |
| | | | | | | | | | | | | | 800° | 1100° |
| | | | | | | | | | | | | | % | % |
| 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) | | | | | | |
|---|--|------------------|--------------------------------|------------------|-----|-----|------------------------------------|---|--|---|---------------------------|--|---|-------|
| | Al ₂ O ₃ | SiO ₂ | Fe ₂ O ₃ | TiO ₂ | CaO | MgO | Na ₂ O+K ₂ O | Bulk Density Hacim Ağırlık | Cold Crushing Strength Soğuk Basma Mukavemeti | Water Needed for Appl. Uygulama Suyu Miktarı | Grain Size Tane Boyutu | Service Temperature Çalışma Sıcaklığı | Thermal Cond. / Termal İletkenlik (W/m.K) | |
| | | | | | | | | | | | | | 800° | 1100° |
| | | | | | | | | | | | | | % | % |
| 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) | | | | | | |
|---|--|------------------|--------------------------------|------------------|-----|-----|------------------------------------|---|---|---|------------------------------|--|---|-------|
| | Al ₂ O ₃ | SiO ₂ | Fe ₂ O ₃ | TiO ₂ | CaO | MgO | Na ₂ O+K ₂ O | Bulk Density Hacim Ağırlık | Cold Crushing Strength Soğuk Basma Mukavemeti | Water Needed for Appl. Uygulama Suyu Miktarı | Grain Size Tane Boyutu | Service Temperature Çalışma Sıcaklığı | Thermal Cond. / Termal İletkenlik (W/m.K) | |
| | | | | | | | | | | | | | 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

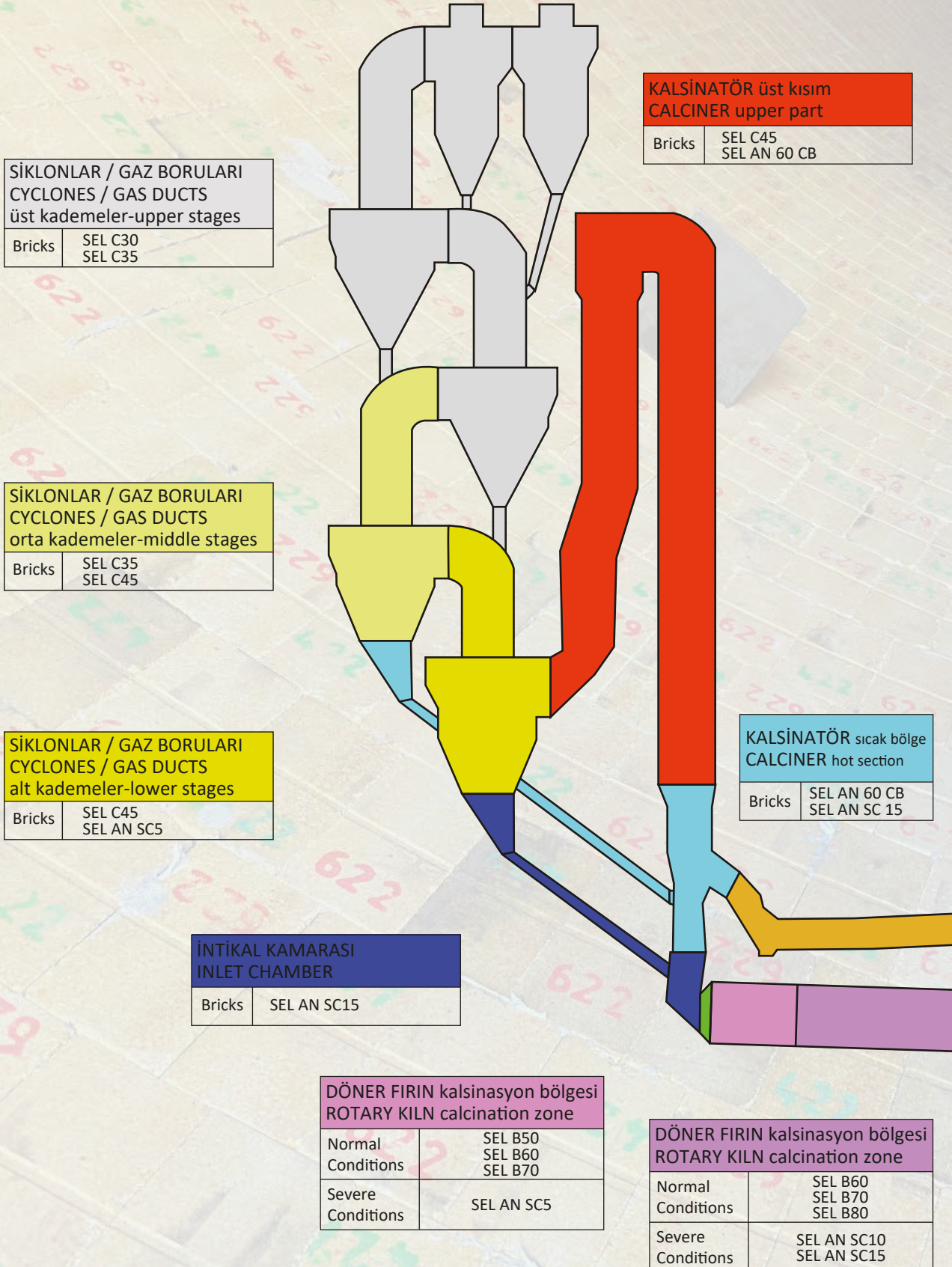
INSULATING CASTABLES

| KALİTE QUALITY | KİMYASAL BİLEŞENLER (TİPİK) / CHEMICAL COMPONENTS (TYPICAL) | | | | | | | FİZİKSEL ÖZELLİKLER (TİPİK) / PHYSICAL PROPERTIES (TYPICAL) | | | | | | |
|---|--|------------------|--------------------------------|------------------|------|-----|------------------------------------|---|---|---|------------------------------|--|---|------|
| | Al ₂ O ₃ | SiO ₂ | Fe ₂ O ₃ | TiO ₂ | CaO | MgO | Na ₂ O+K ₂ O | Bulk Density Hacim Ağırlık | Cold Crushing Strength Soğuk Basma Mukavemeti | Water Needed for Appl. Uygulama Suyu Miktarı | Grain Size Tane Boyutu | Service Temperature Çalışma Sıcaklığı | Thermal Cond. / Termal İletkenlik (W/m.K) | |
| | | | | | | | | | | | | | 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 Temperature Çalışma Sıcaklığı |
|--|--|------------------|--------------------------------|------------------|---------|------------------------------------|---|---------------------------|---|
| | Al ₂ O ₃ | SiO ₂ | Fe ₂ O ₃ | TiO ₂ | CaO+MgO | Na ₂ O+K ₂ O | | | |
| | % | % | % | % | % | % | | | |
| | 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



**TERSİYER HAVA BORUSU
TERTIARY AIR DUCT**

| | |
|--------|--------------------|
| Bricks | SEL C45 SEL B60 |
|--------|--------------------|

**TOZ SIKLONU / GİRİŞ BACASI
TERTIARY CYCLONE / INLET DUCT**

| | |
|--------|-------------------------|
| Bricks | SEL AN 60 CB SEL B85 |
|--------|-------------------------|

**FIRIN KAFASI
KILN HOOD**

| | |
|--------|--------------------|
| Bricks | SEL B80 SEL B85 |
|--------|--------------------|

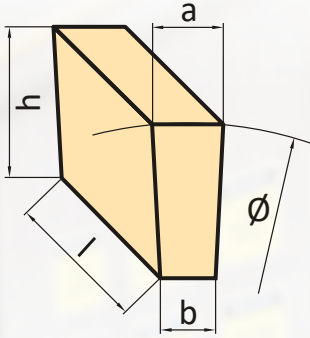
**SOĞUTMA sıcak bölge
COOLER hot section**

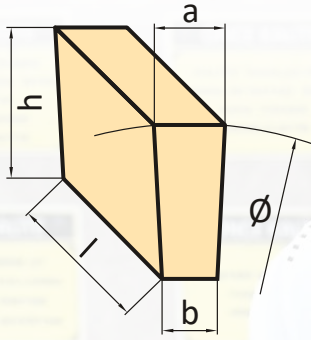
| | |
|--------|------------------------|
| Bricks | SEL B85 SEL AN SC15 |
|--------|------------------------|

**SOĞUTMA soğuk bölge
COOLER cool section**

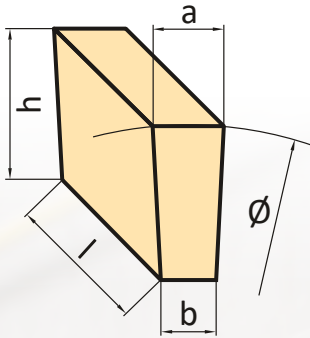
| | |
|--------|---------|
| Bricks | SEL C45 |
|--------|---------|

| Poz / Shape | Ölçüler / Dimensions (mm) | | | | Hacim / Volume dm ³ | 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 | | | |

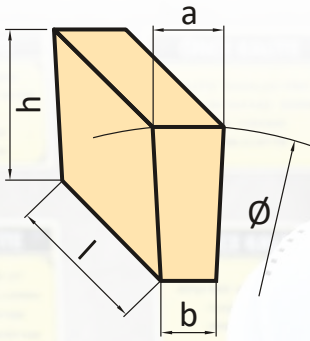




| Poz / Shape | Ölçüler / Dimensions (mm) | | | | Hacim / Volume dm ³ | Dış çap / Diameter 2R mm |
|-------------|---------------------------|------|-----|-----|--------------------------------|--------------------------|
| | a | b | h | l | | |
| 222 | 103 | 80 | 220 | 198 | 3,98 | 1.990 |
| 322 | 103 | 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 | |



| Poz / Shape | Ölçüler / Dimensions (mm) | | | | Hacim / Volume dm ³ | 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 | |

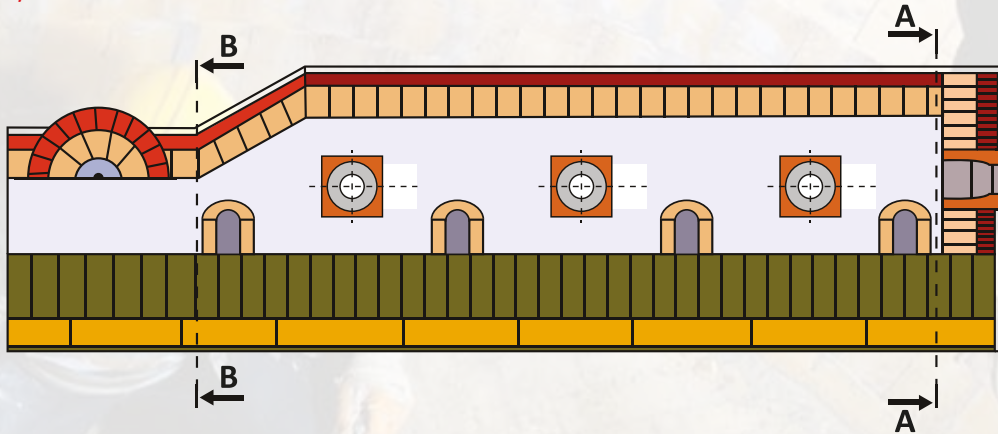


| Poz / Shape | Ölçüler / Dimensions (mm) | | | | Hacim / Volume dm ³ | Dış çap / Diameter 2R mm |
|-------------|---------------------------|------|------|-------|-----------------------------------|--------------------------------|
| | a | b | h | l | | |
| 3K 110 | 103 | 82 | 100 | 198 | 1,83 | 990 |
| 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 |
| 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 | | | |

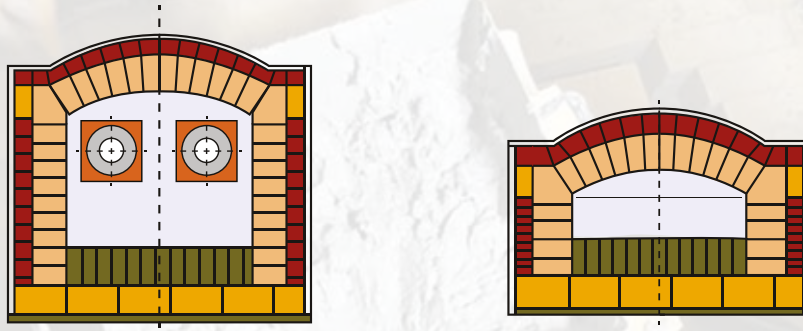
HADDE FIRINI - ÇELİK POTA KALİTELERİ

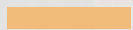





ROLLING FURNACE - STEEL LADLE QUALITIES

HADDANE FIRINI / ROLLING FURNACE

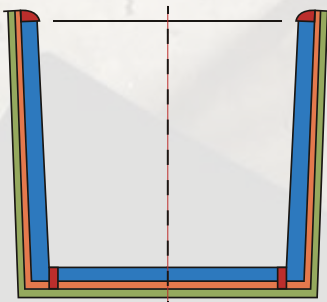



FIRIN YAN DUVARLARI BOY KESİT / FURNACE SIDEWALLS VERTICAL SECTIONING



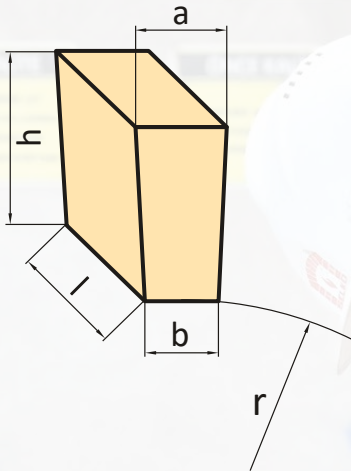
| Bölge / Zone | Tuğla / Shapped | Harç / Unshapped |
|--|--|--------------------------|
|  Tavan ve Yan Duvar / Roof and Sidewall | SEL B70 SEL B60 SEL C45 SEL C42 | SELMOR B80 SELMOR B60 |
|  Tavan İzolasyon / Roof Insulation | CERAMIC FIBER BLANKET | SELMOR C45 |
|  İzolasyon / Insulating | CERAMIC 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)

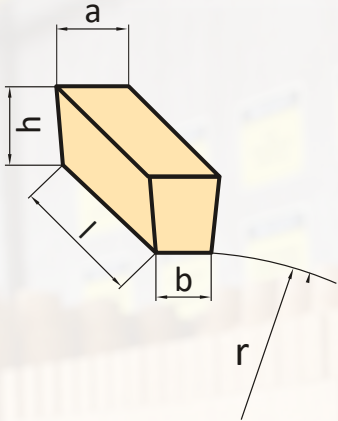


| Bölge / Zone | Tuğla / Shapped | Harç / Unshapped |
|---|--|--------------------------|
|  Emniyet Astarı / Permanent Lining | SEL C45 SEL B80 SEL B85 SEL AN 60 | SELMOR C45 SELMOR B80 |

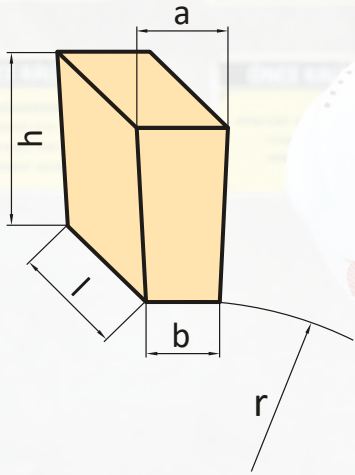
| Poz / Shape | Ölçüler / Dimensions (mm) | | | | Hacim / Volume dm3 | Yarıçap / Radius r mm |
|----------------|---------------------------|-----|-----|-----|--------------------------|--------------------------------|
| | a | b | h | l | | |
| 1P37 | 143 | 106 | 90 | 250 | 2,81 | 263 |
| 1P26 | 138 | 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 |



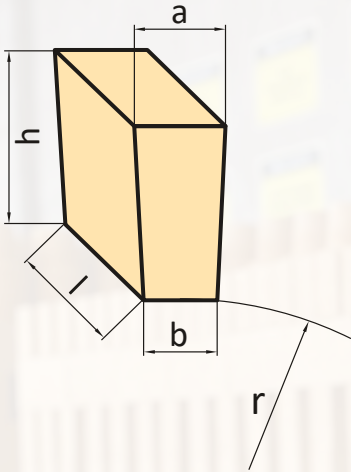
| Poz / Shape | Ölçüler / Dimensions (mm) | | | | Hacim / Volume dm ³ | Yarıçap / Radius r mm | | |
|-------------|---------------------------|----|------|------|--------------------------------|-----------------------|------|-------|
| | a | b | h | l | | | | |
| 1H6 | 67 | 61 | 114 | 230 | 1,68 | 1197 | | |
| 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 | | |



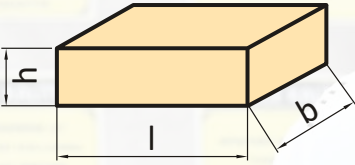
| Poz / Shape | Ölçüler / Dimensions (mm) | | | | Hacim / Volume dm ³ | Yarıçap / Radius r mm | | |
|-------------|---------------------------|----|------|------|--------------------------------------|--------------------------------|------|------|
| | a | b | h | l | | | | |
| 1G4 | 66 | 62 | 230 | 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 | | |

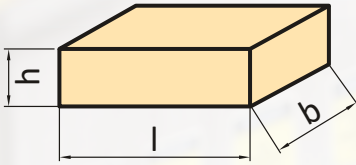


| Poz / Shape | Ölçüler / Dimensions (mm) | | | | Hacim / Volume dm ³ | Yarıçap / Radius r mm | | |
|-------------|---------------------------|----|------|------|-----------------------------------|-----------------------------|------|------|
| | a | b | h | l | | | | |
| 2G4 | 66 | 62 | 250 | 124 | 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 | | |



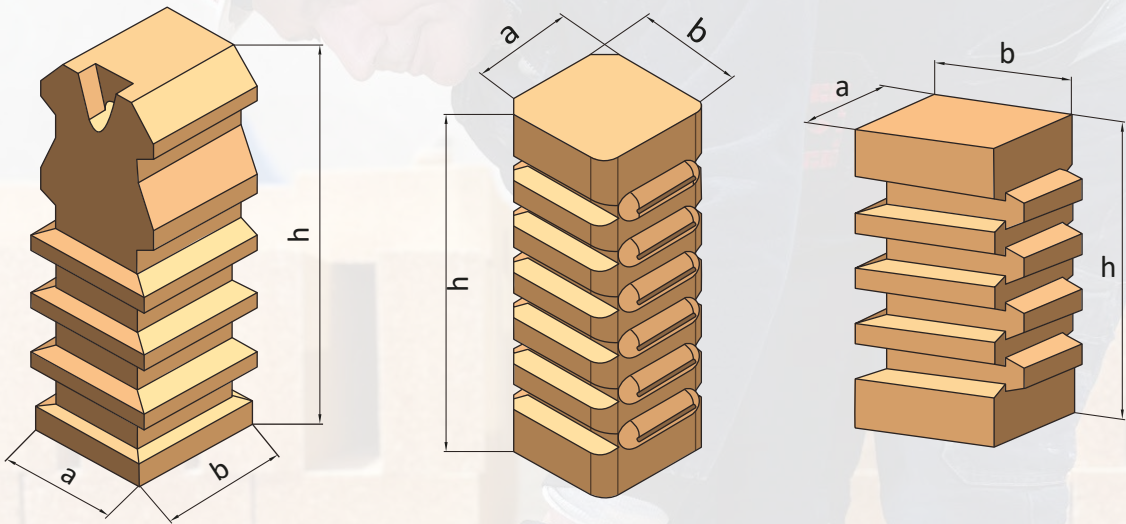
| Poz / Shape | Ölçüler / Dimensions (mm) | | | Hacim / Volume |
|-------------|---------------------------|-----|----|-----------------|
| | l | b | h | dm ³ |
| NF1 | 230 | 114 | 64 | 1,68 |
| NF2 | 250 | 124 | 64 | 1,98 |
| NF3 | 300 | 150 | 64 | 2,88 |
| 1-76 | 230 | 114 | 76 | 1,99 |
| 2-76 | 250 | 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 |





| Poz / Shape | Ölçüler / Dimensions (mm) | | | Hacim / Volume |
|---------------|---------------------------|-----|----|-----------------|
| | l | b | h | dm ³ |
| 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 | | | | |
| 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 | | | | |
| 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 | | | | |
| 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 | dm ³ |
| 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. | ORHANGAZI / 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 | TURKMENİSTAN | 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. | İZMİR | 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, Adres:
 Name and Address of the Certified Organization:
 Belge Kapsamı:
 TS EN ISO 9001:2015
 ATEŞ TUĞLA
 ÜRETİMİ

Belge Tarihi / Date of Certificate: 09.05.2024
 SELKO ATEŞ TUĞLA SANAYİ VE TİC. A.Ş.
 OSB 7. CAD. KURTKÖY -
 BARTIN / TÜRKİYE

Scope of the Certificate:
 TS EN ISO 9001:2015
 PRODUCTION OF
 FIREBRICK

**K - Q
TSE-ISO-EN
9001**

Sistem Belgelendirme Grup Başkanı
 Head of System Certification Group
 Alper KARA

Türk Standartları Enstitüsü
 TÜRKİŞ STANDARTLARI ENSTİTÜSÜ
 TÜRKISH STANDARDS INSTITUTION

Türk Standartları Enstitüsü bu belge ile
 SELKO ATEŞ TUĞLA SANAYİ VE TİC. A.Ş.
 OSB 7. CAD. KURTKÖY -
 BARTIN / TÜRKİYE

TURKISH STANDARDS INSTITUTION
 hereby certifies that the organization
 SELKO ATEŞ TUĞLA SANAYİ VE TİC. A.Ş.
 OSB 7. CAD. KURTKÖY -
 BARTIN / TÜRKİYE

kuruluşunun TS EN ISO 9001:2015 şartlarını yerine getirdiği ve KALİTE YÖNETİM SİSTEMİNE sahip olduğunu tespit etmiştir.

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

Belge kapsamı Ek'te verilmiştir

Scope of the certificate is given in annex

0609020241136001

KALİTE YÖNETİM SİSTEMİ BELGESİ
QUALITY MANAGEMENT SYSTEM CERTIFICATE

Belge No / Certificate No: KY-4632-06/09-R15
 Belgeli Kuruluş Adı, Adres:
 Name and Address of the Certified Organization:
 Belge Kapsamı:
 TS EN ISO 9001:2015
 ATEŞ TUĞLA
 ÜRETİMİ

Belge Tarihi / Date of Certificate: 09.05.2024
 SELKO ATEŞ TUĞLA SANAYİ VE TİC. A.Ş.
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 BARTIN / TÜRKİYE

Scope of the Certificate:
 TS EN ISO 9001:2015
 PRODUCTION OF
 FIREBRICK

**K - Q
TSE-ISO-EN
9001**

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

Belge kapsamı Ek'te verilmiştir

Scope of the certificate is given in annex

0609020241136001



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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 Stoichitoui
 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
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