



LEADING BRAND IN ITS SECTOR





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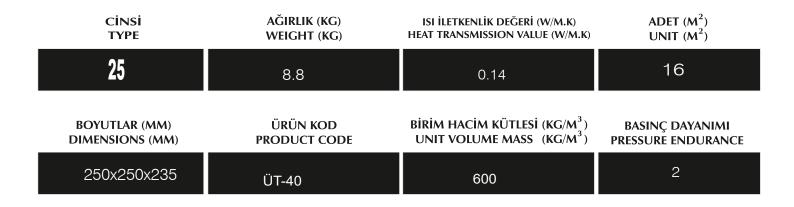




% 50 SOUND & HEAT INSULATION %35 LIGHTWEIGHT

UDUVAR=**0.51** W/m2.K **λ=0,1**4 **W/m.K**

The future of the building industry is developing in the field of HEAT AND SOUND INSULATION ÜLKÜ A.Ş. As a result of 30 years of work and R&D, it produced SUPER İZO TUĞLA. Thanks to innovation, this brick is produced 35% lighter than its peers, thus reducing the personal burden of buildings. With the correction of static calculations, it reduced the cost of main materials such as iron and concrete.



SUPER ISO BRICK 19



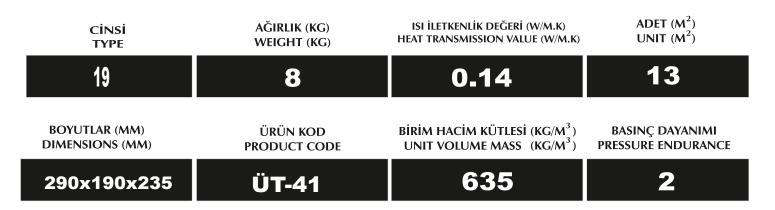


% 50 SOUND & HEAT INSULATION %35 LIGHTWEIGHT

Since 2011, Energy Identity Certificate came into force in buildings.Heat Performance Scorecard will be prepared for the newly designed building constructions. In this way, how much heat your building consumes, how much energy it needs for cooling will be determined and sound insulation will be analyzed.

Does not require jacketing on the walls It is made of 100% natural clay. 43.7 DB sound isolation 55% heat insulation

UDUVAR = 0.63 W/m2.K $\lambda = 0.14$ W/m.K



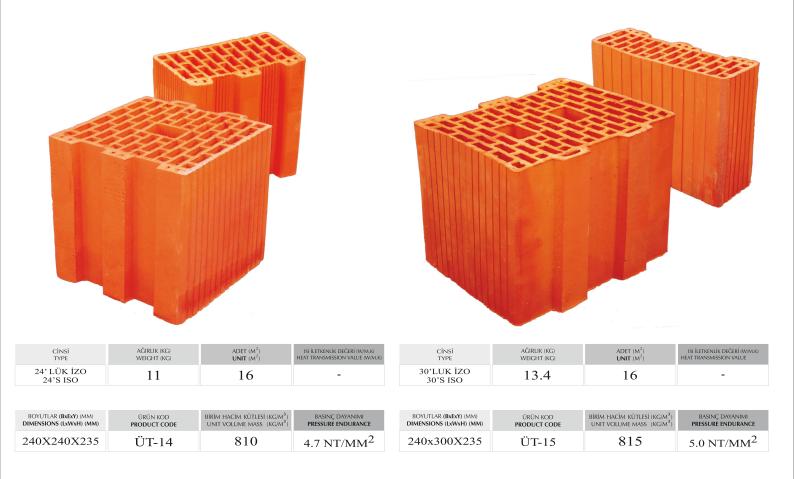
ISO BRICK



They are factory brick with a bulk density of 1000 kg/m3 or less which are manufactured in a manner to be less heat conductor and by using additive materials to make it porous. The provide heat insulation between 25%-65% in houses. As they are brick with vertical holes with their resistance to high forces they are assist the building in carrying loads. Mortar is not placed in their vertical joints

| | III) | |
|--|------|--|
| | | |
| | | |
| | | |

| CINSI TYPE | AĞIRLIK (KG) WEIGHT (KG) | ADET (M ²) UNIT (M ²) | ISI İLETKENLİK DEĞERİ (W/M.K) HEAT TRANSMISSION VALUE |
|--|-----------------------------|---|--|
| 19'LUK İZO 19'S ISO | 9.6 | 13 | - |
| | | | |
| | | | |
| BOYUTLAR (BxExY) (MM) DIMENSIONS (LxWxH) (MM) | ÜRÜN KOD PRODUCT CODE | BİRİM HACİM KÜTLESİ (KG/M ³) UNIT VOLUME MASS (KG/M ³) | BASINÇ DAYANIMI Pressure endurance |



ISO BRICK

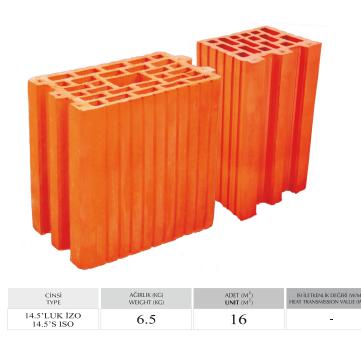


They are factory brick with a bulk density of 1000 kg/m³ or less which are manufactured in a manner to be less heat conductor and by using additive materials to make it porous. The provide heat insulation between 25%-50% in houses. As they are brick with vertical holes with their resistance to high forces they assist the building in carrying loads. Mortar is not placed in their vertical joints.



| BOYUTLAR (BxExY) (MM) | ÜRÜN KOD | BİRİM HACİM KÜTLESİ (KG/M ³) | BASINÇ DAYANIMI |
|-------------------------|--------------|--|------------------------|
| Dimensions (LxWxH) (MM) | Product code | UNIT VOLUME MASS (KG/M ³) | Pressure endurance |
| 240x85X235 | ÜT-10 | 810 | 5.1 NT/MM ² |

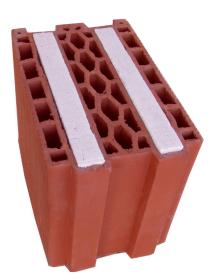




| BOYUTLAR (BxExY) (MM) | ÜRÜN KOD | BİRİM HACİM KÜTLESİ (KG/M ³) | BASINÇ DAYANIMI | BOYUTLAR (BxExy) (MM) | ÜRÜN KOD | BİRİM HACİM KÜTLESİ (KG/M ³) | BASINÇ DAYANIMI |
|-------------------------|--------------|--|---------------------------|--------------------------------|--------------|--|------------------------|
| DIMENSIONS (LxWxH) (MM) | PRODUCT CODE | UNIT VOLUME MASS (KG/M ³) | Pressure endurance | Dimensions (LxWxH) (MM) | PRODUCT CODE | UNIT VOLUME MASS (KG/M ³) | Pressure endurance |
| 240x115X235 | ÜT-11 | 830 | 8.0 NT/MM ² | 240X145X235 | ÜT-12 | 855 | 5.3 NT/MM ² |

ISO BRICK WITH STYROFOAM





$U_{\text{DUVAR}} = 0.47 \text{ W/m2.K}$ $\lambda = 0.10 \text{ W/m.K}$

| Cinsi Type | AĞIRLIK (KG) WEIGHT (KG) | ADET (M ²) UNIT (M ²) | ISI İLETKENLİK DEĞERİ (W/M.K) HEAT TRANSMISSION VALUE (W/M.K) |
|----------------------------------|-----------------------------|---|--|
| 19'LUK STRAFORLU SÜPER İZO TUĞLA | 7.4 | 13 | 0.10 |
| | | | |
| BOYUTLAR (MM) DIMENSIONS (MM) | ÜRÜN KOD PRODUCT CODE | BİRİM HACİM KÜTLESİ (KG/M ³) UNIT VOLUME MASS (KG/M ³) | BASINÇ DAYANIMI Pressure endurance |
| 290X190X235 | ÜT- 7 | 675 | 3.3 NT/MM2 |

4 cm thick styrofoam with a thermal conductivity coefficient of 0.052 W/m.k was used in the styrofoam super iso brick. Heat transfer coefficient of styrofoam super iso brick was measured as 0.10 w/m.k according to the account management with the report received from TSE. There is no need for external jacketing due to this very strong thermal insulation. Due to its combined structure, the wall can be built in one go with styrofoam super iso brick.





$U_{DUVAR} = 0.51 \text{ W/m2.K}$ $\lambda = 0.108 \text{ W/m.K}$

| CINSI TYPE | AĞIRLIK (KG) WEIGHT (KG) | ADET (M ²) UNIT (M ²) | ISI İLETKENLİK DEĞERİ (W/M.K) HEAT TRANSMISSION VALUE (W/M.K) |
|----------------------------------|-----------------------------|---|--|
| 19'LUK STRAFORLU SÜPER İZO TUĞLA | 8.9 | 13 | 0,108 |
| | | | |
| BOYUTLAR (MM) DIMENSIONS (MM) | ÜRÜN KOD PRODUCT CODE | BİRİM HACİM KÜTLESİ (KG/M ³) UNIT VOLUME MASS (KG/M ³) | BASINÇ DAYANIMI Pressure endurance |
| 290X190X235 | ÜT-8 | 675 | 3.3 NT/MM2 |

$U_{DUVAR} = 0.40 \text{ W/m2.K}$ $\lambda = 0.11 \text{ W/m.K}$

| CINSI TYPE | AĞIRLIK (KG) WEIGHT (KG) | ADET (M ²) UNIT (M ²) | ISI İLETKENLİK DEĞERİ (W/M.K) HEAT TRANSMISSION VALUE (W/M.K) |
|----------------------------------|-----------------------------|---|--|
| 24'LÜK STRAFORLU SÜPER İZO TUĞLA | 8.8 | 16 | 0,11 |
| | | | |
| BOYUTLAR (MM) DIMENSIONS (MM) | ÜRÜN KOD PRODUCT CODE | BİRİM HACİM KÜTLESİ (KG/M ³) UNIT VOLUME MASS (KG/M ³) | BASINÇ DAYANIMI Pressure endurance |
| 290X190X190 | ÜT-9 | 630 | 3.1 NT/MM2 |

ROCKWOOL INSULATED BRICK



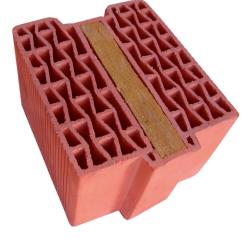
Rockwool insulated brick is a brick that makes high sound and heat insulation used on the exterior, just like styrofoam insulated brick. It is a brick reinforced with the superior features of Rockwool.



| U _{DUVAR} = 0.49 W/m2 | .K |
|---------------------------------------|----|
| λ = 0.105 W/m.K | |

| CINSI TYPE | AĞIRLIK (KG) WEIGHT (KG) | ADET (M ²) UNIT (M ²) | ISI İLETKENLİK DEĞERİ (W/M.K) HEAT TRANSMISSION VALUE (W/M.K) |
|----------------------------------|-----------------------------|---|--|
| 19'LUK STRAFORLU SÜPER İZO TUĞLA | 7.4 | 13 | 0,105 |
| | | | |
| BOYUTLAR (MM) DIMENSIONS (MM) | ÜRÜN KOD PRODUCT CODE | BİRİM HACİM KÜTLESİ (KG/M ³) UNIT VOLUME MASS (KG/M ³) | BASINÇ DAYANIMI Pressure endurance |
| 290X190X235 | ÜT- 16 | 675 | 3.3 NT/MM2 |





$U_{DUVAR} = 0.53 \text{ W/m2.K}$ $\lambda = 0.115 \text{ W/m.K}$

| CINSI TYPE | AĞIRLIK (KG) WEIGHT (KG) | ADET (M ²) UNIT (M ²) | ISI İLETKENLİK DEĞERİ (W/M.K) HEAT TRANSMISSION VALUE (W/M.K) |
|----------------------------------|-----------------------------|---|--|
| 19'LUK STRAFORLU İZO TUĞLA | 8,9 | 13 | 0.115 |
| | | | |
| BOYUTLAR (MM) DIMENSIONS (MM) | ÜRÜN KOD PRODUCT CODE | BİRİM HACİM KÜTLESİ (KG/M ³) UNIT VOLUME MASS (KG/M ³) | BASINÇ DAYANIMI PRESSURE ENDURANCE |
| 290X190X235 | ÜT- 17 | 675 | 3.3 NT/MM2 |

$U_{DUVAR} = 0.43 \text{ W/m2.K}$ $\lambda = 0.12 \text{ W/m.K}$

| CINSI TYPE | AĞIRLIK (KG) WEIGHT (KG) | ADET (M ²) UNIT (M ²) | ISI İLETKENLİK DEĞERİ (W/M.K) HEAT TRANSMISSION VALUE (W/M.K) |
|----------------------------------|-----------------------------|---|--|
| 25'LİK STRAFORLU İZO TUĞLA | 8.8 | 16 | 0,12 |
| | | | |
| BOYUTLAR (MM) DIMENSIONS (MM) | ÜRÜN KOD PRODUCT CODE | BİRİM HACİM KÜTLESİ (KG/M ³) UNIT VOLUME MASS (KG/M ³) | BASINÇ DAYANIMI Pressure endurance |
| 290X190X190 | ÜT-18 | 630 | 3.1 NT/MM2 |

BEAD- OVAL BRICK



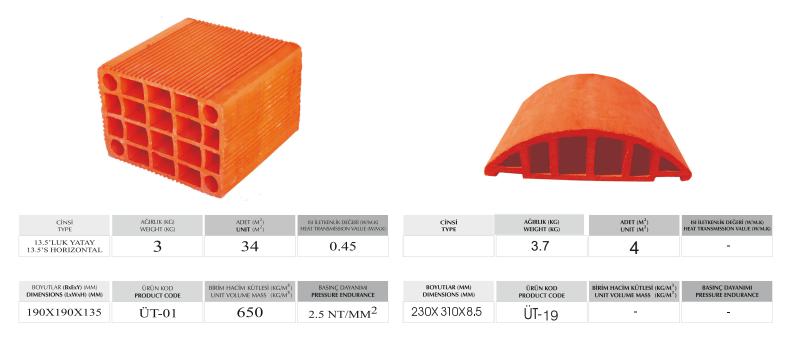
| | CINSI TYPE | AĞIRLIK (KG) WEIGHT (KG) | ADET (M ²) UNIT (M ²) | ISI İLETKENLİK DEĞERİ (W/M.K) HEAT TRANSMISSION VALUE (W/M.K) |
|-------|--|-----------------------------|---|--|
| | BONCUK | 6.2 | 25 | NORMAL HARÇLI : 0.42 TS 4916 HARÇLI : 0.36 |
| | | | | |
| 00000 | BOYUTLAR (BxExY) (MM) DIMENSIONS (LxWxH) (MM) | ÜRÜN KOD Product code | BİRİM HACİM KÜTLESİ (KG/M ³) UNIT VOLUME MASS (KG/M ³) | BASINÇ DAYANIMI Pressure endurance |
| 000 | 290X190X135 | ÜT-05 | 880 | 8.0 NT/MM ² |

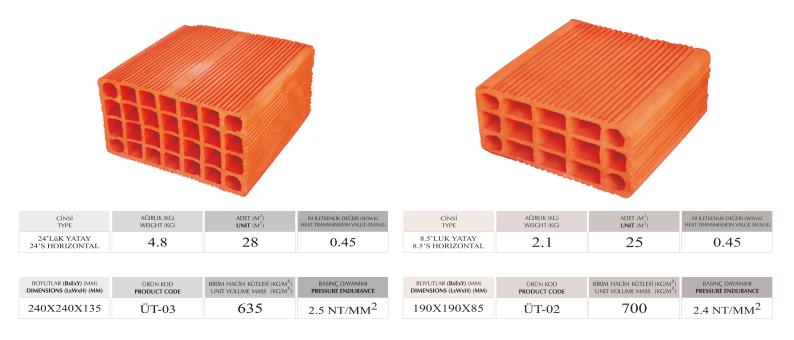
Due to its densely porous structure the bead brick has the feature of resisting to high forces. Due to this feature it is used in the construction of earthquake resistant buildings. The oval brick is used frequently in our constructions thanks to its resilience due to its being with vertical holes.

| cinsi Type | AĞIRLIK (KG) WEIGHT (KG) | ADET (M ²) UNIT (M ²) | ISI İLETKENLİK DEĞERİ (W/M.K) HEAT TRANSMISSION VALUE (W/M.K) | CINSI TYPE | AĞIRLIK (KG) WEIGHT (KG) | ADET (M ²) UNIT (M ²) | ISI İLETKENLİK DEĞERİ (W/M.K) HEAT TRANSMISSION VALUE (W/M.K) |
|--|-----------------------------|---|--|--|-----------------------------|---|--|
| OVAL | 4.9 | 25 | - | KÖŞE OVAL CORNER OVAL | 4.5 | - | - |
| | | | | | | | |
| BOYUTLAR (BxExY) (MM) DIMENSIONS (LxWxH) (MM) | ÜRÜN KOD PRODUCT CODE | BİRİM HACİM KÜTLESİ (KG/M ³) UNIT VOLUME MASS (KG/M ³) | BASINÇ DAYANIMI Pressure endurance | BOYUTLAR (BxExY) (MM) DIMENSIONS (LxWxH) (MM) | ÜRÜN KOD PRODUCT CODE | BİRİM HACİM KÜTLESİ (KG/M ³) UNIT VOLUME MASS (KG/M ³) | BASINÇ DAYANIMI Pressure endurance |
| 290X190X135 | ÜT-04 | 725 | 7.0 NT/MM ² | 290x190X135 | ÜT-06 | - | - |

BRICK WITH HORIZONTAL HOLES

The bricks with horizontal holes are factory brick having holes axis perpendicular to the front surface and with bulk density of $1000 \text{ kg/m}^{3 \text{ or}}$ less. It is used in armored concrete and framed structure constructions as needed. Halves are available.





ASMOLEN



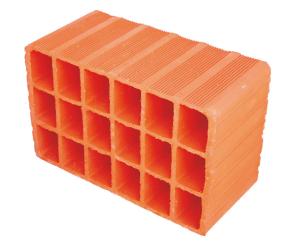
Floor filler bricks are factory bricks under TS 1261 which do not participate in static work. These are the bricks used only for filling and isolation without participating in static work in the construction of reinforced concrete gear floors. It is generally used in large business centers, hospitals, schools. Recently, it has been widely used in residences. Asmolen bricks, according to the thickness of the flooring;

25mm Asmolen (250x400x200 mm) 27mm Asmolen (270x400x200 mm) 30mm Asmolen (300x400x200 mm)

Classified. Variable measure is height. All varieties are used 10 per m2.



| Cinsi Type | AĞIRLIK (KG) WEIGHT (KG) | ADET (M ²) UNIT (M ²) | ISI İLETKENLİK DEČERİ (W/M.K) HEAT TRANSMISSION VALUE (W/M.K) |
|--|-----------------------------|---|--|
| 30'LUK ASMOLEN 30'S HOLLOW BLOCK | 11 | 10 | |
| | | | |
| BOYUTLAR (BxExY) (MM) DIMENSIONS (LxWxH) (MM) | ÜRÜN KOD PRODUCT CODE | BİRİM HACİM KÜTLESİ (KG/M ³) UNIT VOLUME MASS (KG/M ³) | BASINÇ DAYANIMI Pressure endurance |
| 400X190X300 | ÜT-23 | - | - |



ADET (M² UNIT (M²

10

BİRİM HACİM KÜTLESİ (KG/M³) UNIT VOLUME MASS (KG/M³) BASINÇ DAYANI PRESSURE ENDUR/

AĞIRLIK (KG) WEIGHT (KG)

8.8

ÜRÜN KOD Product code

ÜT-21

cinsi type

25'LİK ASMOLEN 27'S HOLLOW BLOCK

BOYUTLAR (BxExY) (MM) DIMENSIONS (LxWxH) (MM)

400X190X250

| | in mar |
|--|--------|
| | |
| | |
| | 11 |
| | |

| N/M.K) IE (W/M.K) | CINSI TYPE | AĞIRLIK (KG) WEIGHT (KG) | ADET (M ²) UNIT (M ²) | ISI İLETKENLİK DEĞERİ (W/M.K) HEAT TRANSMISSION VALUE (W/M.K |
|----------------------|--|-----------------------------|---|---|
| | 27'LİK ASMOLEN 27'S HOLLOW BLOCK | 10.7 | 10 | - |
| | | | | |
| | | | | |
| AI NCE | BOYUTLAR (BxExY) (MM) DIMENSIONS (LxWxH) (MM) | ÜRÜN KOD PRODUCT CODE | BİRİM HACİM KÜTLESİ (KG/M ³) UNIT VOLUME MASS (KG/M ³) | BASINÇ DAYANIMI Pressure endurance |

CHIMNEY



BASINÇ DAYANIMI PRESSURE ENDURANCE

-



| cinsi | AĞIRLIK (KG) | ADET (M ²) | ISI İLETKENLİK DEĞERİ (W/M.K) |
|---------------------------|--------------|------------------------|---------------------------------|
| type | WEIGHT (KG) | UNIT (M ²) | HEAT TRANSMISSION VALUE (W/M.K) |
| BÜYÜK SİFON BIG SIPHON | 12 | 5 | - |



| CINSI | Ağırlık (KG) | ADET (M ²) | ISI İLETKENLİK DEĞERİ (W/M.K) |
|---------------------------------|--------------|------------------------|---------------------------------|
| TYPE | Weight (KG) | UNIT (M ²) | HEAT TRANSMISSION VALUE (W/M.K) |
| ŞÖMİNE KARE FIREPLACE SQUARE | 13 | 5 | - |

BİRİM HACİM KÜTLESİ (KG/M³) UNIT VOLUME MASS (KG/M³)

_

ÜRÜN KOD Product code

ÜT-32

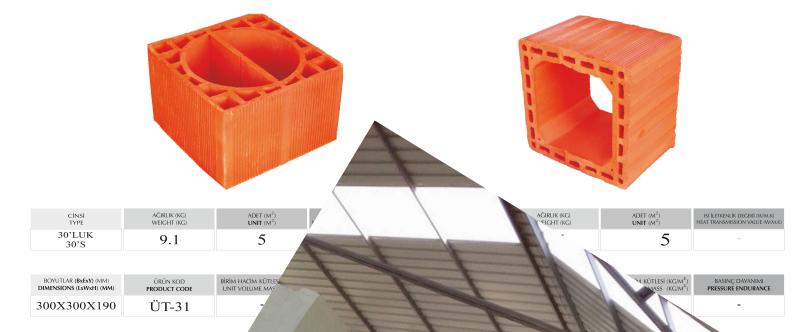
| BOYUTLAR (| | ŪRŪN KOD | BİRİM HACİM KÜTLESİ (KG/M ³) | BASINÇ DAYANIMI | BOYUTLAR (BxExY) (MM) |
|------------|--------|--------------|--|--------------------|-------------------------|
| DIMENSIONS | | Product code | UNIT VOLUME MASS (KG/M ³) | Pressure endurance | DIMENSIONS (LxWxH) (MM) |
| 450X26 | 50X190 | ÜT-30 | - | - | 400x300X190 |





| CINSI TYPE | AĞIRLIK (KG) WEIGHT (KG) | ADET (M ²) UNIT (M ²) | ISI İLETKENLİK DEĞERİ (W/M.K) HEAT TRANSMISSION VALUE (W/M.K) | CINSI TYPE | AĞIRLIK (KG) WEIGHT (KG) | ADET (M ²) UNIT (M ²) | ISI İLETKENLİK DEĞERİ (W/M.K) HEAT TRANSMISSION VALUE (W/M.K) |
|---------------|-----------------------------|--|--|----------------|-----------------------------|--|--|
| NORMAL | 3.8 | 5 | - | KARE SQUARE | 5.2 | 5 | - |
| | | | | | | | |

| BOYUTLAR (BxExY) (MM) | ÜRÜN KOD | BİRİM HACİM KÜTLESİ (KG/M ³) | BASINÇ DAYANIMI | BOYUTLAR (BxExY) (MM) | ÜRÜN KOD | BİRİM HACİM KÜTLESİ (KG/M ³) | BASINÇ DAYANIMI |
|-------------------------|--------------|--|--------------------|-------------------------|--------------|--|--------------------|
| DIMENSIONS (LxWxH) (MM) | Product code | UNIT VOLUME MASS (KG/M ³) | Pressure endurance | DIMENSIONS (LxWxH) (MM) | Product code | UNIT VOLUME MASS (KG/M ³) | Pressure endurance |
| 190x190X190 | ÜT-26 | - | - | 240x190X190 | ÜT-27 | - | - |



CHIMNEY



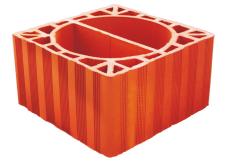
The material that you can use safely and correctly in your constructions is the chimney brick made of clay. As it does not have a porous structure, is not affected by heat and is not conductive it is superior to other chimneys. It is resistant to chimney gas acids. The dimensions of the chimneys used in our constructions:

| NormalChimney : | 190x190x190 mm |
|----------------------------|-------------------|
| Square Chimney : | 190x190x240 mm |
| Large Square Chimney : | 260x260x190 mm |
| Siphon Chimney : | 400x190x190 mm |
| Large Siphon Chimney : | 450x260x190 mm |
| Fireplace Circular Chimney | /: 350x350x190 mm |
| Fireplace Square Chimney | : 300x400x190 mm |
| Chimney of 30 : | 300x300x190 mm |

All chimney types are used as 5 per 1 m. All varieties of chimney have types with stove pipe holes and transfer holes. At buildings with multiple stories large chimney types are preferred. The measurements are completely in compliance with the pillar and beam dimensions. For the chimneys there are circular and square chimneys. Our fireplace chimneys are safely used in heating and barbecue systems in houses



| cinsi Type Sifon Siphon | AĞIRLIK (KG) WEIGHT (KG) 9.2 | ADET (M ²) UNIT (M ²) | ISI İLETKENLİK DEČERİ (W/M.K) HEAT TRANSMISSION VALUE (W/M.K) – |
|--|------------------------------------|---|---|
| BOYUTLAR (BxExY) (MM) DIMENSIONS (LxWxH) (MM) | ÜRÜN KOD PRODUCT CODE | BİRİM HACİM KÜTLESİ (KG/M ³) UNIT VOLUME MASS (KG/M ³) | BASINÇ DAYANIMI PRESSURE ENDURANCE |
| 400x190X190 | ÜT-29 | - | |



| Cinsi Type | Ağırlık (KG) Weight (KG) | ADET (M ²) UNIT (M ²) | ISI İLETKENLİK DEĞERİ (W/M.K) HEAT TRANSMISSION VALUE (W/M.K) |
|--|-----------------------------|---|--|
| ŞÖMİNE YUVARLAK FIREPLACE CIRCULAR | 13 | 5 | - |
| | | | |
| BOYUTLAR (BxExY) (MM) Dimensions (LxWxH) (MM) | ÜRÜN KOD Product code | BİRİM HACİM KÜTLESİ (KG/M ³) UNIT VOLUME MASS (KG/M ³) | BASINÇ DAYANIMI Pressure Endurance |
| 350x350X190 | ÜT-33 | - | - |



ADRESS

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