

CATALOG

2022-2023



**KARYSTOLITHOS**

The Famous Greek Natural Karystian Stone

[constructionstones.com](http://constructionstones.com)



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## Company profile



**Company name:** Karystos Keki Quarries  
**Brand:** "KARYSTOLITHOS"  
**Legal form:** General partnership  
**Established:** 1979  
Corporate Provincial road Marmariou  
headquarters: Greece-Evia-Marmari P.C 34013  
**Branch:** Parodos Agias Annis 10, Tavros, 17778, ΑΤΤΙΚΑ  
**TEL:** (+30) 2224 300 390 & 698 233 4003  
**Email:** sales@constructionstones.com  
**Site:** www.constructionstones.com



### "Marmor Karystium"

We are located in Karystos in S. Evia, in the place with the "Dragon Houses". A place embroidered with slate with roots that are lost in the depths of the centuries as Karystia has been associated since ancient times with the marble mining known as Karystia Stone (Marmor Karystium). This is a type of marble called Sipolino with gray-green color & strong waters. It was highly esteemed by the Romans where it was used more extensively, with which the famous "Dragon Houses" were built. These peculiar buildings made of local slate, samples of exceptional megalithic architecture with a date of acquisition between the 6th and 2nd c. e.g. According to tradition, these huge buildings were built by Dragons, it is also claimed that the king of the Cyclops lived there. According to Herodotus, the Dryopes built the Dragon Houses, as a worship sanctuary of the Hour of Zeus and Hercules. They got their name from their huge size and are made of large slates without foundations, without binders to join their giant slabs, without windows. It is characteristic that the thickness of each wall is almost 1.5 meters, while the roof has the shape of a pyramid. The entrance is three-stone, the slab above the entrance has dimensions 4 m. Length x 2 m. Width x 0.30 m. Thickness! There are many varieties of rocks in the world market, Greek rocks are highly valued, "Karystia Lithos" has been identified with masterpieces of architecture, with unique works that continue through the centuries to attract global admiration. It is this superior quality that is due both to the physical-mechanical characteristics, and to the colors that it has given for centuries in the constructions of character, personality and timelessness.





## Company profile

The company "KARYSTOLITHOS" was founded in 1979 by the miner George Kekis in order to offer the Greek and international market the famous natural rocks of Karystos. Our Quarries are located in the mountains of the Melissona Area, where from the same quarry area, rocks have decorated emblematic buildings and infrastructure around the world, such as Castello Rosso Castle, pedestrian streets of the Historic Center of Athens in Plaka, Monastiraki, Thissio, the library of St. Andrew, the Basilica of St. Demetrius in Thessaloniki, the temples of St. Sophia and the Holy Apostles in Constantinople, the Basilica of Gaza, the Public Library of New York, the Basilicas of St. Mark in Venice, St. Peter in Rome, the London Cathedral, the French Institute etc. And we really feel very proud when people talk about them!



## Company profile

Over the years and equipped with experience, continuous training, the same customer-centric culture, continuous quality controls, and applying a mixture of traditional techniques and modern methods, we have managed to have satisfied customers by providing this first class quality here and there 40 years! And we continue with the compass the axiom: "The best advertisement is made by the satisfied customers"

Today KARYSTOLITHOS is the continuation of three generations in the field of natural slab Karystos and specializes in two categories of rocks, Karystos Slate and Building Stone, our rocks are used in construction and decoration, from wall coverings, floors, benches, tables. stairs, rafters, planters, benches, up to sculptures. They are produced in irregular or square form, in five (5) different shades, Gray, Black, Green, Brown & Green-Brown.



## Company profile

Our rocks are mined in accordance with all European standards of respect and restoration of the environment, are certified by the Hellenic Authority for Geological & Mineral Research (IGME), have quality control and packaging certificates, and are carefully loaded on pallets to avoid damage during of transport. In addition, for us the sale is not completed with the payment of the products, the communication and provision of technical information related to the installation and installation continues after the sale.

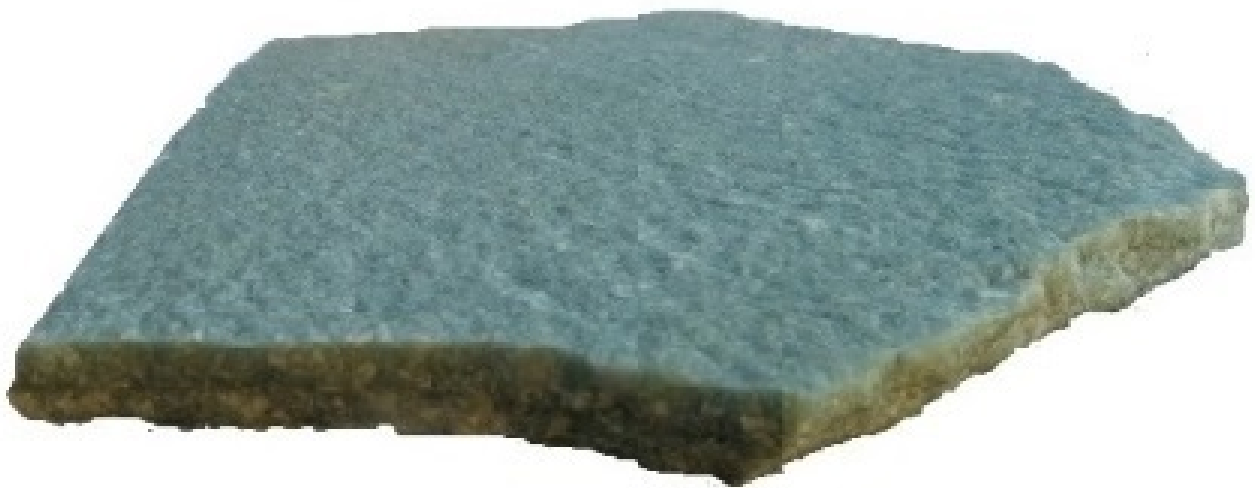
The knowledge of the material, the professionalism, the maintenance of excellent value for money, the specialized human resources, the formation of long-term relationships, and the adoption of a corporate culture with the main intention of responsibility in all areas: customers, employees, partners, environment, local market, are what led to our consolidation. Do not hesitate to discuss with us any issue of application of natural Karystos rocks that you may be interested in. We will be very happy to find you useful.



## Karystos Slates irregular Color: Green

---

They are pieces of irregularly shaped slate just as they are mined from the depths of the earth. They come in different thicknesses, sizes, and shades of green. The thicknesses vary depending on the usability: 1-2 cm, 2-4 cm, 3-5 cm. The sizes refer to the pieces per square, and are available in various shades of green, from light green to dark green.



The modern applications of natural Karystos slab are almost unlimited. From construction and investment to decoration, both indoors and outdoors.

Our rocks are mined with respect for the environment, they are certified by IGME for their physical and mechanical properties. They carry quality and packaging certificates, and are handled in secure pallet packaging.



Karystos Slates irregular  
Color: Green





# Karystos Natural Tile

Color: Green

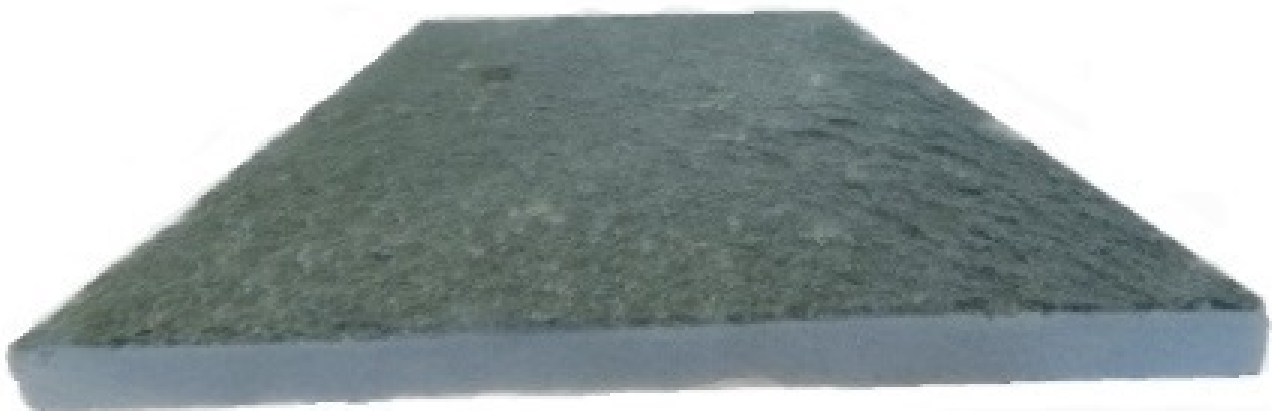




## Karystos Natural Tile

Color: Green

The Square Karystos Slab is produced from large stones that are cut in a rectangular shape in dimensions, width: 10cm, 15cm, 20cm, 25cm, 30cm, 40cm, length: free, and thickness: 1.2-2.2cm, 2.3-3, 3cm, 3.5-5cm, 5-7cm, 7-10cm, is also produced in special dimensions to cover any technical requirement. It is applicable in: floors for indoor and outdoor areas, wall coverings, roof coverings, paving of sidewalks, cobblestones, squares, fireplaces, pools, etc.





## Karystos Natural Quoins

Color:Green

Solid natural Karystos stone in a rectangular shape (brick) suitable for construction of new spaces and decorative solutions. It is used indoors and outdoors, it is suitable for dividing walls of buildings, walls, terraces, columns, arches, facades, entrances, barbecue, bathrooms, kitchens, fireplaces, fountains.



Provides high resistance to time, frost, with a low degree of decomposition, is non-combustible, non-slip rock. Because it is a natural product, the dimensions are not exactly the same, but on average they vary: height 7-12 cm, length 15-25 cm, and width 10-14 cm.





## Karystos Slates Irregular

Color: Green

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# Karystos Natural Tile

Color:Green

---





## Karystos Slates irregular Color: Green





## Karystos Slates irregular

### Color: Grey

They are pieces of irregularly shaped slate just as they are mined from the depths of the earth. They come in different thicknesses, sizes, and shades of gray and black. The thicknesses vary depending on the usability: 1-2 cm, 2-4 cm, 3-5 cm. Sizes are listed in pieces per square, and are available in a variety of shades.



The modern applications of natural Karystos slab are almost unlimited. From construction and investment to decoration, both indoors and outdoors.

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Karystos Slates irregular

Color: Grey





# Karystos Natural Tile

Color: Grey

---

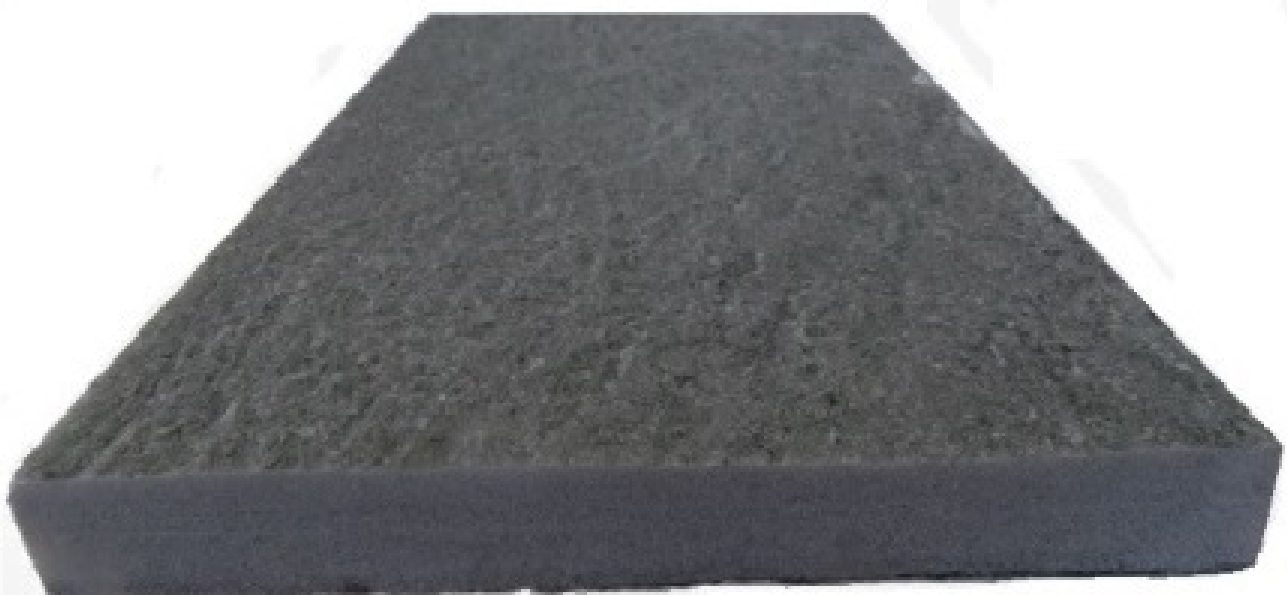




# Karystos Natural Tile

Color: Grey

The Square Karystos Slab is produced from large stones that are cut in a rectangular shape in dimensions, width: 10cm, 15cm, 20cm, 25cm, 30cm, 40cm, length: free, and thickness: 1.2-2.2cm, 2.3-3, 3cm, 3.5-5cm, 5-7cm, 7-10cm, is also produced in special dimensions to cover any technical requirement. It is applicable in: floors for indoor and outdoor areas, wall coverings, roof coverings, paving of sidewalks, cobblestones, squares, fireplaces, pools, etc.





## Karystos Natural Quoins

Color: Grey

---

Solid natural Karystos stone in a rectangular shape (brick) suitable for construction of new spaces and decorative solutions. It is used indoors and outdoors, it is suitable for dividing walls of buildings, walls, terraces, columns, arches, facades, entrances, barbecue, bathrooms, kitchens, fireplaces, fountains.



Provides high resistance to time, frost, with a low degree of decomposition, is non-combustible, non-slip rock. Because it is a natural product, the dimensions are not exactly the same, but on average they vary: height 7-12 cm, length 15-25 cm, and width 10-14 cm.





## Karystos Slates irregular Color:Grey





# Karystos Natural Tile

Color: Grey

---





# Karystos Slates irregular

Color:Grey+Black

---





## Karystos Slates irregular

### Color: Black

They are pieces of irregularly shaped slate just as they are mined from the depths of the earth. They come in different thicknesses, sizes, and shades of gray and black. The thicknesses vary depending on the usability: 1-2 cm, 2-4 cm, 3-5 cm. Sizes are listed in pieces per square, and are available in a variety of shades, from light gray to deep black.



The modern applications of natural Karystos slab are almost unlimited. From construction and investment to decoration, both indoors and outdoors.

Our rocks are mined with respect for the environment, they are certified by IGME for their physical and mechanical properties. They carry quality and packaging certificates, and are handled in secure pallet packaging.



Karystos Slates irregular

Color: Black

---

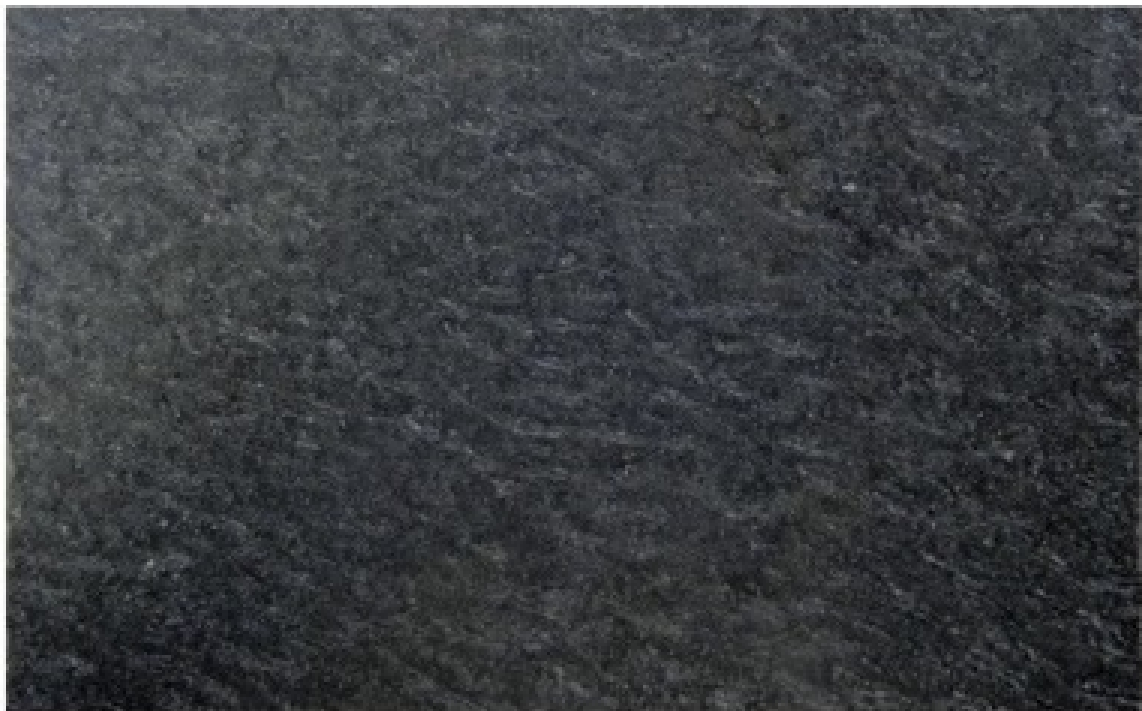




Karystos Natural Tile

Color:Black

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## Karystos Natural Tile

Color:Black

The Square Karystos Slab is produced from large stones that are cut in a rectangular shape in dimensions, width: 10cm, 15cm, 20cm, 25cm, 30cm, 40cm, length: free, and thickness: 1.2-2.2cm, 2.3-3, 3cm, 3.5-5cm, 5-7cm, 7-10cm, is also produced in special dimensions to cover any technical requirement. It is applicable in: floors for indoor and outdoor areas, wall coverings, roof coverings, paving of sidewalks, cobblestones, squares, fireplaces, pools, etc.





# Karystos Natural Quoins

Color:Black

---

Solid natural Karystos stone in a rectangular shape (brick) suitable for construction of new spaces and decorative solutions. It is used indoors and outdoors, it is suitable for dividing walls of buildings, walls, terraces, columns, arches, facades, entrances, barbecue, bathrooms, kitchens, fireplaces, fountains.



Provides high resistance time, frost, with a low degree of decomposition, is non-combustible, non slip rock. Because it is a natural product, the dimensions are not exactly the same, but on average they vary:height 7-12 cm, length 15-25 cm, and width 10-14 cm.





# Karystos Slates Irregular

Color: Black

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# Karystos Natural Tile

Color:Black





# Karystos Slates irregular

Color:Black

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# Karystos Natural Quoins

Color: Grey/Black

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## Karystos Slates irregular

Color: Green-Brown

They are pieces of irregularly shaped slate just as they are mined from the depths of the earth. They come in different thicknesses, sizes, and shades. The thicknesses vary depending on the usability: 1-2 cm, 2-4 cm, 3-5 cm. The sizes refer to the pieces per square, and are available in various shades, from light to dark.



The modern applications of natural Karystos slab are almost unlimited. From construction and investment to decoration, both indoors and outdoors.

Our rocks are mined with respect for the environment, they are certified by IGME for their physical and mechanical properties. They carry quality and packaging certificates, and are handled in secure pallet packaging.



Karystos Slates irregular

Color: Green-Brown





# Karystos Natural Tile

Color: Green-Brown

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## Karystos Natural Tile

Color:Green-Brown

The Square Karystos Slab is produced from large stones that are cut in a rectangular shape in dimensions, width: 10cm, 15cm, 20cm, 25cm, 30cm, 40cm, length: free, and thickness: 1.2-2.2cm, 2.3-3, 3cm, 3.5-5cm, 5-7cm, 7-10cm, is also produced in special dimensions to cover any technical requirement. It is applicable in: floors for indoor and outdoor areas, wall coverings, roof coverings, paving of sidewalks, cobblestones, squares, fireplaces, pools,etc.







# Karystos Slates irregular

Color: Green-Brown





# Karystos Natural Slates

Color: GreenBrown & Brown





## Karystos Slates irregular Color: Brown

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They are pieces of irregularly shaped slate just as they are mined from the depths of the earth. They come in different thicknesses, sizes, and shades of brown. The thicknesses vary depending on the usability: 1-2 cm, 2-4 cm, 3-5 cm. The sizes refer to the pieces per square, and are available in various shades of brown.



The modern applications of natural Karystos slab are almost unlimited. From construction and investment to decoration, both indoors and outdoors.

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Karystos Slates irregular

Color: Brown





# Karystos Natural Tile

Color: Brown

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## Karystos Natural Tile

Color: Brown

The Square Karystos Slab is produced from large stones that are cut in a rectangular shape in dimensions, width: 10cm, 15cm, 20cm, 25cm, 30cm, 40cm, length: free, and thickness: 1.2-2.2cm, 2.3-3, 3cm, 3.5-5cm, 5-7cm, 7-10cm, is also produced in special dimensions to cover any technical requirement. It is applicable in: floors for indoor and outdoor areas, wall coverings, roof coverings, paving of sidewalks, cobblestones, squares, fireplaces, pools, etc.





# Karystos Natural Quoins

Color:Brown

Solid natural Karystos stone in a rectangular shape (brick) suitable for construction of new spaces and decorative solutions. It is used indoors and outdoors, it is suitable for dividing walls of buildings, walls, terraces, columns, arches, facades, entrances, barbecue, bathrooms, kitchens, fireplaces, fountains.



Provides high resistance to time, frost, with a low degree of decomposition, is non-combustible, non-slip rock. Because it is a natural product, the dimensions are not exactly the same, but on average they vary: height 7-12 cm, length 15-25 cm, and width 10-14 cm.



# Karystos Slates irregular

Color:Brown







# Karystos Natural Tile

Color: Brown





# Karystos Slates irregular

Color:Brown





## Karystos Natural Quoins Color:Brown

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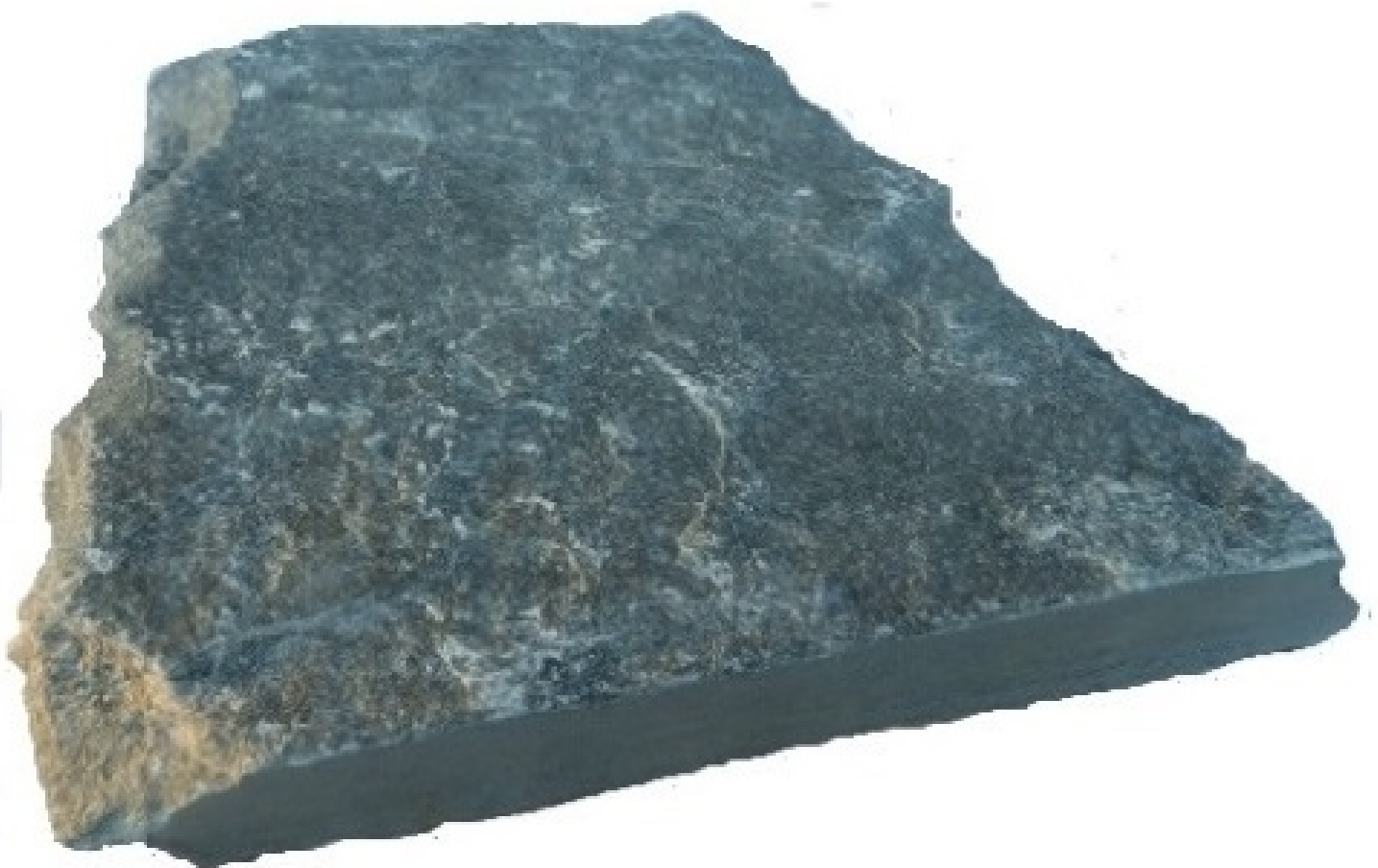


## Karystos Hand Cut Slates

Color:Grey/Green/Brown

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Natural slabs chipboard, hand-crafted into square shapes. They offer a rustic decor combining timelessness with modern trends. Available in thickness: 2-3cm and 3-5 cm, Width from 20cm to 50 cm with free length, in green, gray, brown shades.



The carved edges give special results especially in uses: roofs, courtyards, squares, sidewalks, road stones, archeological sites, garden corridors, fireplace, interior decoration.



# Karystos Hand Cut Slates

Color: Grey/Green/Brown

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## Karystos Natural Split Quoin

Color:Grey/Black

It is a natural stone where after processing in a press machine it gives us this artificial elbow in gray-black shade. The width ranges from 8-13 cm, and the length from 15-40 cm.

it is suitable for dividing walls of buildings, walls, terraces, columns, arches, facades, entrances, barbecue, bathrooms, kitchens, fireplaces, fountains.



This processed natural stone gives a result that is inspired by nature and tradition, this feeling of the old that exudes hospitality and warmth and gives your space unpretentious comfort and coziness.



# Karystos Natural Split Quoins

Color: Grey-Black

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## Karystos Natural Skirting Boards

Color: Grey/Green/Black/Brown

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They are natural slabs in elongated cut pieces, which are placed between the floor and the wall. They ensure the protection of the lower part of the walls from shocks and moisture. Their thickness is 1.2 cm, width 7 cm, and length from 25 to 45 cm.



These natural stones that are applied around the perimeter of the wall at the point where it touches the floor, hide the gaps left by the uneven surfaces, cover the gap that should be left, and offer the space a perfect aesthetic.





## Karystos Natural Sokoro

Color: Grey/Green/Black/Brown

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They are narrow strips of rock in the form of fillets that on the one hand have a natural appearance and on the other hand are cut into machines. Their width is from 3 to 6 cm, the length is free from 15 to 40cm. Available in Shades of Gray, Green, Black and Brown.



They are usually used for indoor and outdoor investments, in artificial waterfalls, in fireplaces and in sections of high sloping roads.



# Karystos Natural Sokoro

Color: Grey/Green

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## Karystos Natural Cobblestone

Color: Grey/Black/Green

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Stones cut into cubes: 15x15x5cm.

Color: Green/Grey/Black/Brown



Used mostly on: Ramps, Streets, Squares  
Paths, Monasteries, Ports.

The advantage of the cubes is that they  
withstand extremely heavy use and are not  
slippery in big declination.

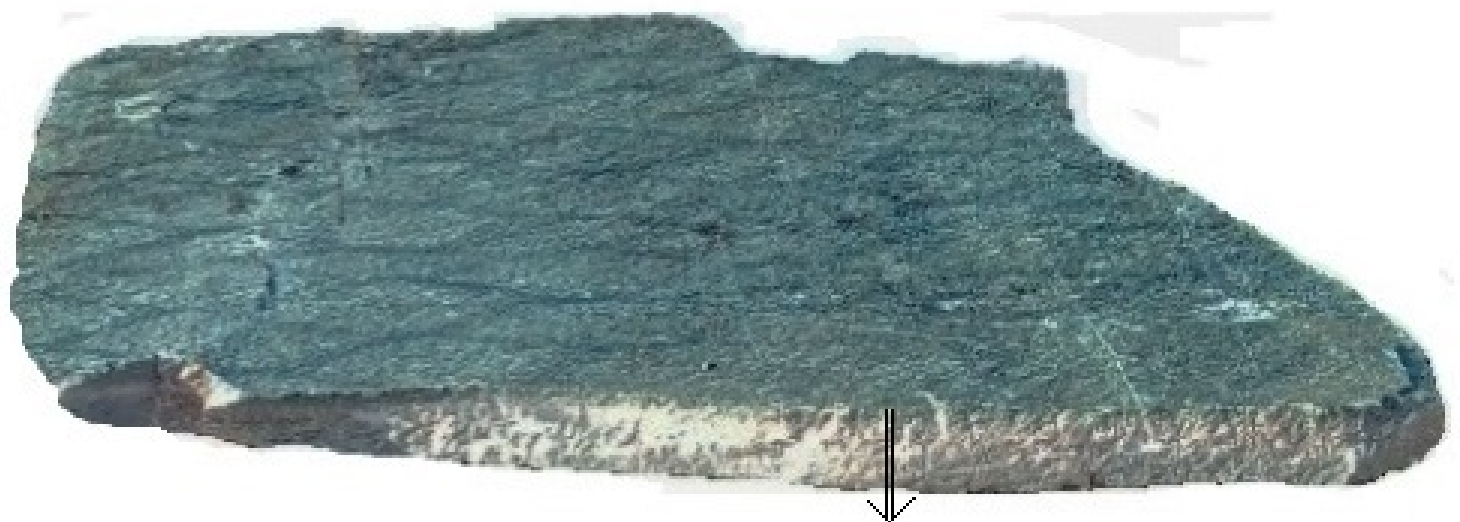


## Karystos Natural Slates

3-5/5-7cm

Color:Grey/Green/Black/Brown

They are pieces of irregular shaped slate just as they are mined from the depths of the earth. They come in 4 shades with a thickness of 3 to 5 cm. In all endurance tests it conquers the Top and is therefore intended for heavy industrial use.



3-5 cm



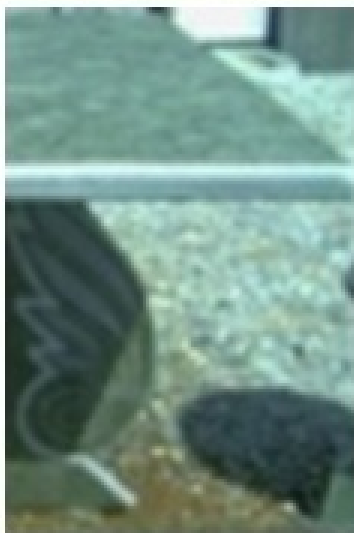
# Karystos Natural Stones

## Decorative Items





# Karystos Natural Furniture

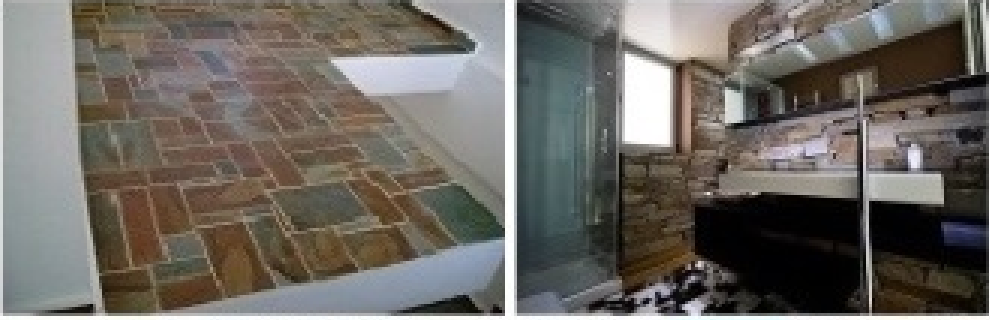






















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**PHYSICAL AND MECHANICAL PROPERTIES**

**ΚΑΡΥΣΤΟΣ ΣΧΗΜΑ**

05/05/2000

**EN 12693**

ΦΑΙΝΟΜΕΝΟ ΕΙΔΙΚΟ ΒΑΡΟΣ 2727 Kg/m<sup>3</sup>

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ΣΥΝΤΕΛΕΣΤΗΣ ΑΝΟΙΧΤΟΥ ΠΟΡΩΔΟΥΣ 0,07%

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ΥΔΑΤΑΠΟΡΡΟΦΗΣΗ 0,04%

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ΑΝΤΟΧΗ ΣΤΗ ΘΛΙΨΗ-ΞΗΡΗ ΚΑΤΑΣΤΑΣΗ 70,26 N/mm<sup>2</sup> (716,65 kg/cm<sup>2</sup>)

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ΑΝΤΟΧΗ ΣΤΗ ΘΛΙΨΗ-ΥΓΡΗ ΚΑΤΑΣΤΑΣΗ 57,76 N/mm<sup>2</sup> (589,5 kg/cm<sup>2</sup>)

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ΑΝΤΟΧΗ ΣΤΟΝ ΕΦΕΛΚΥΣΜΟ ΑΠΟ ΚΑΜΨΗ-ΞΗΡΗ ΚΑΤΑΣΤΑΣΗ 29,97 MPa (305,69 kg/cm<sup>2</sup>)

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ΑΝΤΟΧΗ ΣΤΟΝ ΕΦΕΛΚΥΣΜΟ ΑΠΟ ΚΑΜΨΗ-ΥΓΡΗ ΚΑΤΑΣΤΑΣΗ 21,25 MPa (216,75 kg/cm<sup>2</sup>)

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ΜΕΤΡΟ ΕΛΑΣΤΙΚΟΤΗΤΑΣ 31,35 GPa

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ΑΝΤΟΧΗ ΣΤΗ ΦΘΟΡΑ ΑΠΟ ΤΡΙΒΗ ΚΑΤΑ ΒΟΗΜΕ 2,04 mm

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ΠΡΟΣΔΙΟΡΙΣΜΟΣ ΑΝΤΙΣΤΑΣΗΣ ΣΤΗΝ ΠΡΟΣΚΡΟΥΣΗ 60 cm

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ΑΝΤΟΧΗ ΣΤΟΝ ΕΦΕΛΚΥΣΜΟ ΑΠΟ ΚΑΜΨΗ ΜΕΤΑ ΑΠΟ ΘΕΡΜΟΚΡΑΣΙΑΚΕΣ ΜΕΤΑΒΟΛΕΣ ( 20 ΚΥΚΛΟΙ) 26,25 MPa (267,75 kg/cm<sup>2</sup>)

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ΑΝΤΟΧΗ ΣΤΟΝ ΕΦΕΛΚΥΣΜΟ ΑΠΟ ΚΑΜΨΗ ΜΕΤΑ ΑΠΟ ΨΥΞΗ ΑΠΟΨΥΞΗ 20,59 MPa (210 kg/cm<sup>2</sup>)

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"KARYSTOLITHOS"  
Karystos - Evia - Greece



## **"KARYSTOLITHOS"**

### **MINING**

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- 5ο ΚΛΜ. ΜΑΡΜΑΡΙΟΥ-ΑΜΥΔΓΑΛΙΑΣ  
LOCATION STROGERA-KAKOGIONI  
ΜΑΡΜΑΡΙ ΕΒΙΑΣ Π.Κ 34013
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