

sustainable
stone
cladding



MATHIOSstone®

mathios.com

Mathios Company History

Founded in 1890, Mathios Refractories has developed into one of the biggest production, commercial and construction units of its kind globally and the only one in Greece. The company has a worldwide customer base and a network of partners leading to exports to more than 50 countries, having hence built a significant and solid expertise

Over 130 years of history

1890 Founding of the "Mathios Company". Dimitris Mathios establishes a personal company with the scope of constructing & repairing refractory projects (furnaces, smoke stacks etc.).

1955 The personal company switches to I. Mathios Bros. LTD active in the industrial refractory construction and the production & trade of refractory materials, contributing to the industrialization of Greece.

1985 The Company converts to Mathios S.A. The present BoD takes over.

1990 It begins the production of handmade stone cladding and starts exporting.

2002 Mathios GmbH & Mathios AD subsidiaries establishment

2000 IPO in Athens Stock Exchange. Fully automated production plant for architectural stone in Athens, Greece.

2005 Ideal Refractories company acquisition

2011 Stone production plant in Bulgaria inauguration

2019 Sustainability embedded in the core of our strategy & culture.

2022 Adopting principles of the circular economy in the Refractories production.

2024 Environmental friendly stone casting using recyclable molds which minimize waste and ecological footprint.

Environmentally Friendly

Looking at environmental challenges, we, at Mathios Stone, have been long ago dedicated to preserving this world for generations to come. As a leading global producer of architectural stone veneers, we are therefore fully committed towards developing environmentally conscious products.

DESIGNED WITH PEOPLE & THE ENVIRONMENT IN MIND

We understand very well that developing new stone products should be done responsibly. This is why every new product we design is assessed not only from aesthetic but also from an environmental point of view, taking into consideration not only the material it is made of but most importantly its life-cycle and recycling options. Developing a truly sustainable product however encompasses a lot more than just using eco-materials to produce it.

All our stone products are designed in such a way that they are resource efficient, have an enhanced life-cycle and a 100% recyclability.

WE INTERRUPT AN OUTDATED HABBIT

While quarry stone is a natural and durable material, the extraction process can have environmental impacts. Although many quarrying operations adhere to relevant regulations and environmental standards to minimize negative consequences, it is quite common to end up in abandoned open quarry pits. These can pose various environmental and safety risks, from accidental falls to local ecosystems disturbance and negatively impacting the scenic quality of the area.

RESPONSIBLE DEVELOPING, PRODUCING & RESOURCE MANAGEMENT

Because how we produce our products has a direct impact on the environment, we are truly devoted towards making ongoing improvements to our production processes and logistics. To make sure our commitments towards becoming more sustainable are met, we also expect all our suppliers to join us in this journey and make sure that all materials we use are sourced, processed, and produced in an ethical and environmentally friendly way. The materials we use come from companies that are strictly committed to effective management and rehabilitation of quarries as well as sustainability. The aggregates we apply are sediments and natural accumulations. Unlike materials extracted from quarries, sediments and natural accumulations can be considered a renewable resource because are constantly replenished through natural processes like erosion and weathering involving less habitat disruption and ecosystem alteration.

FOCUS ON RECYCLING & RECYCLED RESOURCES

We give priority to using materials with a good recyclability and make sure that the products we develop maintain their value throughout their whole lifecycle and use recycled materials where possible. All packaging is made of recycled paper and is 100% recyclable. That reflects our promise to responsible environmental stewardship, efficient resource utilization, and the advancement of circular economy principles.

MATHIOS SMART STONE

Mathios Stone is lightweight (up to 40% lighter than quarry stone) due to advanced technological materials. So, it is easier to handle, transport, and install compared to heavier alternatives, such as quarry stone. This can lead to reduced labor costs and increased efficiency during construction or installation processes. It requires less fuel for transportation, leading to reduced transportation costs and lower carbon emissions. They come in precut pieces ready to use, ensuring that they fit together seamlessly for a higher aesthetical result. They eliminate the need for on-site cutting and shaping, saving time during the construction process, and reducing labor costs. There is also minimal to no waste generated during the construction process in alliance with sustainable construction practices. The lightweight nature of Mathios Stone allows for greater flexibility and versatility in design. It can contribute to a reduced structural load on buildings and infrastructure. Last but not least, it can be applied on various surfaces including thermal insulation systems contributing to the overall energy efficiency of structures. Finally, Mathios Stone has three times lower heat capacity than extracted stone. During the summer, it does not absorb heat and helps maintain a cooler surface, reducing the impact of external heat. In contrast, during the winter, it acts as an insulator retaining heat within a space and potentially lowering the need for additional heating.

AIR QUALITY, HUMAN HEALTH & ENVIRONMENTAL SUSTAINABILITY

Mathios Stone products do not contain substances harmful to human health and the environment. Being Certified A+ for VOC emissions signifies that Mathios Stone has undergone testing and has demonstrated very low emissions of volatile organic compounds, which are known to contribute to indoor or outdoor air pollution and health problems.

BEYOND A STANDARD DEVELOPMENT TEAM

We, at Mathios Company, have formed an interdisciplinary team to fulfill our commitment to delivering environmentally conscious products through sustainable production. Designers, engineers, sustainability experts and product developers bring diverse expertise to the table, ensuring that sustainability considerations are embedded in various aspects of the product development process. To further drive innovation and excellence, we partner with academic institutions, leveraging their research capabilities, novel ideas and fresh perspectives.

SENSIBLE PRODUCTION & INTELLIGENT LOGISTICS

Resourceful manufacturing is only half the way. Aiming to minimize our carbon footprint, we continuously invest in using renewable energy for our manufacturing facilities. We also prioritize optimized palletization to reduce transportation impacts reflecting our mission for efficiency and sustainability in our logistics and supply chain operations.

Orvilos

The epitome of rustic stone. Orvilos captures the essence of nature's rugged beauty with its weathered, aged, or rough-hewn appearance. Its irregular shapes, textured surfaces, and earthy tones evoke a profound sense of authenticity, warmth, and charm. Whether adorning exterior facades, accentuating interior spaces, or enhancing landscaping features, Orvilos by Mathios Stone infuses environments with a distinct character and a connection to the natural world, creating spaces that feel both cozy and captivating.

Rough Texture



Flat	Corner
10 - 175 mm	6 - 125 mm
40 - 545 mm	195 - 335 mm 100 - 220 mm
15 - 65 mm	20 - 54 mm
40 kg	37 kg
0.8 m ² per carton	1.6 m per carton
20 cartons per pallet	20 cartons per pallet

Artisanal Stones



Weather Conditions

Applicable on Internal & External spaces
Resistant to: Extreme temperatures from -30 to +60 degrees Celsius, Frost, UV, Different humidity levels, Water.



Scan to view more for Orvilos

Orvilos



Orvilos **Misty**



Sustainable Stone Cladding **Rough Texture**

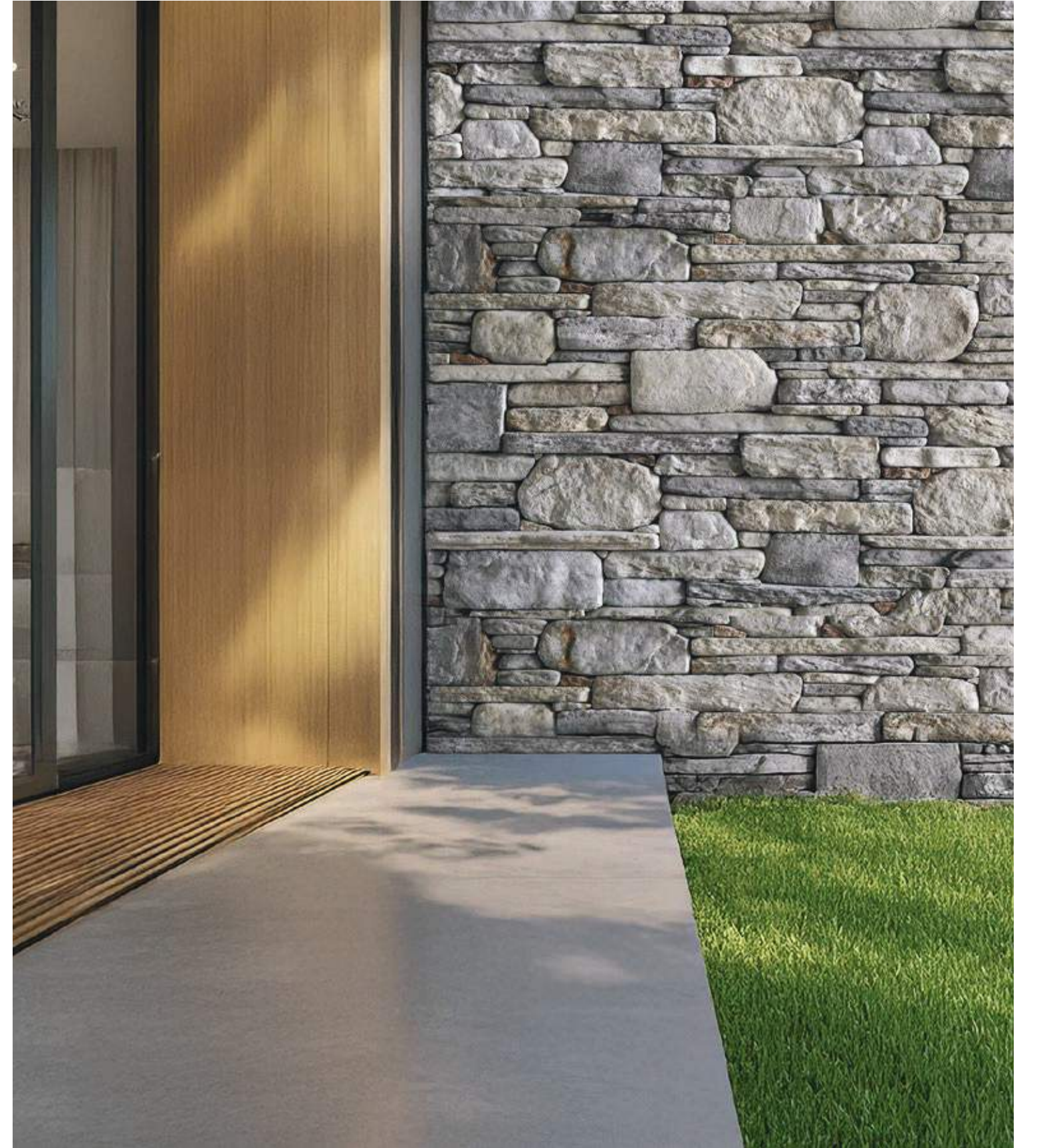


Rough Texture

Orvilos
Misty



Rough Texture



Packaging information

- All cartons are packed on pallets to ensure stability in transportation.
- For pavers & accessories that are not included in the list, information can be given upon request.
- Loading instructions are available.
- Scannable QR code on each carton for detailed information for every Mathios Stone color and texture.



TYPE	UNIPACK (BOX)		UNIPACK DIMENSIONS	N° OF UNIPACKS ON PALLETS DIMENSIONS OF PALLETS		LOADING CAPACITY (UNIPACKS)**		
	CONTENT OF UNIPACK			SMALL	LARGE	20" CONTAINER	40" CONTAINER	TRUCK
	FLAT (m ²)	CORNER (ml)						
Colonial Bricks*	0.9	-	55x37x15 cm	-	24 x (110x80x105h) m	672	718	687
Colonial Bricks*	-	1.9	52x26x19.5 cm	16 x (110x80x75h)cm	-	672	718	687
Masterbrick*	0.93	-	45x26x15 cm	-	48 x (105x73x135h)cm	1008	1316	1261
Masterbrick*	-	2	45x26x15 cm	24 x (105x73x75h)cm	-	1008	2154	2063
Alamo	0.63	-	54x20x25 cm	-	28 x (110x80x115h)cm	686	987	945
Alamo	-	1.6	54x20x25 cm	21 x (110x80x90h)cm	-	686	1316	1261
Veracruz*	0.72	-	54x20x25 cm	-	28 x (110x80x115h)cm	686	987	945
Highland	0.65	-	52x26x20.5 cm*	-	36 x (110x80x138h)cm	756	987	945
Highland	-	1.6	52x26x20.5 cm*	18 x (110x80x77h)cm	-	756	1185	1135
Altaia	0.6	-	52x26x20.5 cm*	-	36 x (110x80x138h) m	756	987	945
Altaia	-	1.6	52x26x20.5 cm*	18 x (110x80x77h)cm	-	756	1185	1135
Highland Blend	0.6	-	52x26x20.5 cm*	-	36 x (110x80x138h)cm	756	987	945
Highland Blend	-	1.6	52x26x20.5 cm*	18 x (110x80x77h)cm	-	756	1185	1135
Mont Blanc*	0.53	-	52x26x20.5 cm*	-	36 x (110x80x138h)cm	756	987	945
Mont Blanc*	-	1.04	52x26x20.5 cm*	18 x (110x80x77h)cm	-	756	1185	1135
Cordillera	0.76	-	52x37x20.5 cm*	-	24 x (114x80x138h)cm	504	649	621
Cordillera	-	2	52x26x20.5 cm*	18 x (110x80x77h)cm	-	756	1185	1135
Highland Slim	1.05	-	52x26x20.5 cm*	-	36 x (110x80x138h)cm	756	894	856
Highland Slim	-	2.4	52x26x20.5 cm*	18 x (110x80x77h)cm	-	756	1281	1227
Atlas	0.62	-	54x20x25 cm	-	28 x (110x80x115h)cm	686	987	945
Dune	1.06	-	54x20x25 cm	-	28 x (110x80x115h)cm	686	877	840
Delos	1.06	-	54x20x25 cm	-	28 x (110x80x115h)cm	686	877	840

TYPE	UNIPACK (BOX)		UNIPACK DIMENSIONS	N° OF UNIPACKS ON PALLETS DIMENSIONS OF PALLETS		LOADING CAPACITY (UNIPACKS)**		
	CONTENT OF UNIPACK			SMALL	LARGE	20" CONTAINER	40" CONTAINER	TRUCK
	FLAT (m ²)	CORNER (ml)						
Bretagne*	0.50	-	52x26x19.5 cm	-	36 x (110x80x132h)cm	756	987	945
Bretagne*	-	1.35	55x37x15 cm	16 x (110x80x75h)cm	-	672	1077	1031
Isola*	0.43	-	52x26x19.5 cm	-	36 x (110x80x132h)cm	756	987	945
Isola*	-	1.35	55x37x15 cm	16 x (110x80x75h)cm	-	672	1030	986
Tuscany*	0.55	-	55x37x15 cm	-	32 x (110x80x135h)cm	672	987	945
Tuscany*	-	1.55	55x37x15 cm	16 x (110x80x75h)cm	-	672	1077	1031
Arcadian	0.56	-	55x37x15 cm	-	32 x (110x80x135h)cm	672	987	945
Arcadian	-	1.04	55x37x15 cm	18 x (110x80x75h)cm	-	756	1077	1031
Fieldstone*	0.5	-	55x37x15 cm	-	32 x (110x80x135h)cm	672	987	945
Fieldstone*	-	1.25	55x37x15 cm	16 x (110x80x75h)cm	-	672	1077	1031
Ekali*	0.5	-	55x37x15 cm	-	32 x (110x80x135h)cm	672	987	945
Ekali*	-	1.25	55x37x15 cm	16 x (110x80x75h)cm	-	672	1077	1031
Rio Grande*	0.55	-	55x37x15 cm	-	32 x (110x80x135h)cm	672	987	945
Rio Grande*	-	1.6	55x37x15 cm	16 x (110x80x75h)cm	-	672	1077	1031
Terra*	0.55	-	55x37x15 cm	-	32 x (110x80x135h)cm	672	987	945
Terra*	-	1.25	55x37x15 cm	12 x (110x80x60h)cm	-	504	1077	1031
Alverstone	0.72	-	52x26x20.5 cm*	-	36 x (110x80x138h)cm	756	948	908
Valldemossa*	1	-	54x20x25.5 cm	-	28 x (108x78x120h)cm	686	987	945
Valldemossa*	-	2.4	52x26x20.5 cm*	18 x (108x78x75h) cm	-	686	1481	1418
Cervino*	1	-	54x20x25 cm	-	28 x (110x80x115h) m	686	948	908
Cervino*	-	2.8	54x20x25 cm	21 x (110x80x90h)cm	-	686	1185	1135
Isola Slim	1	-	54x20x25 cm	-	28 x (110x78x115h)cm	686	907	873
Isola Slim	-	2.4	52x26x20.5 cm*	18 x (108x78x77h)cm	-	756	1281	1227
Fieldstone Slim*	1	-	54x20x25 cm	-	28 x (110x80x115h)cm	686	1030	987
Fieldstone Slim*	-	2.8	54x20x25 cm	21 Unipacks	-	686	1185	1135
Aragon*	1	-	54x20x25 cm	-	28 x (110x80x115h)cm	686	948	908
Aragon*	-	2.8	54x20x25 cm	21 x (110x80x90h)cm	-	686	1185	1135
Armorique*	1	-	54x20x25 cm	-	28 x (110x78x115h)cm	686	948	908
Armorique*	-	-	-	-	-	-	-	-
Vermont	0.65	-	52x26x20.5 cm*	-	36 x (110x78x138h)cm	756	987	945
Sierra	1.05	-	52x26x20.5 cm*	-	36 x (110x80x138h)cm	756	894	856
Sierra	-	2.4	52x26x20.5 cm*	18 x (110x80x77h)cm	-	756	1281	1227
Tivoli	0.79	-	54x20x25 cm	-	28 x (110x80x115h)cm	686	740	709
Tivoli	-	3	54x20x25 cm	21 x (110x80x90h)cm	-	686	948	908
Orvilos	0.8	-	56x26x20.5 cm	20 x (110x80x77h)cm	-	504	592	567
Orvilos	-	1.6	56x26x20.5 cm	-	20 x (110x80x77h)cm	504	640	613
Kerabrick*	1.32	-	45x26x15 cm	-	48 x (105x73x135h)cm	987	1008	945

*The contents of the packing assume a joint of 1cm (0.40in)

**Loading capacity depends on the legislation of each country

Installation Instructions - Step by Step Guide



Stone application with joints



Scan to view the Mathios Stone installation instructions.



Disclaimer - Haftungsausschluss - Avis de non-responsabilité - Advertencia

EN

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FR

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IT

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BU

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GRE

Τα χρώματα και οι υφές των προϊόντων που παρουσιάζονται σε αυτό τον κατάλογο είναι τόσο ακριβείς όσο επιτρέπουν οι τρέχουσες τεχνικές φωτογραφίας και εκτύπωσης. Συνιστούμε ανεπιφύλακτα να εξετάζετε δείγματα προϊόντων πριν από την παραγγελία. Η Μαθιός Πυρίμαχα Α.Ε. διατηρεί το δικαίωμα να προβεί σε βελτιώσεις προϊόντων χωρίς προηγούμενη ειδοποίηση.

Η αναπαραγωγή αυτού του καταλόγου και του περιεχομένου του υπόκειται στην έγγραφη άδεια της Μαθιός Πυρίμαχα Α.Ε.

AR

تأثير اللون ولمس الحجر في هذا الكatalog يخضع لمخرجات وطرق الإظهار لآلات التصوير والطباعة المتاحة ... لذا ننصح بضرورة رؤية عينة الحجر على الطبيعة للتأكد أنه يتوافق مع اختياركم.

نؤكد أن شركة ماثيوس تتحرى الأطلح للوصول إلى منتج أفضل دون أي ملاحظات.

نسخ وطباعة هذا الكatalog ومحتوياته يخضع لإذن كتابي من شركة ماثيوس.

Why Mathios Stone



Scan to view more

Applicable on **Internal** & **External** spaces

Easy installation

Quick installation: pre-cut pieces in assorted sizes, ready-to-use. It comes with corners & accessories.

Worldwide knowhow & Expertise

Lightweight (up to **50% lighter** than natural stone)

Manufactured by a healthy and sustainable company

Can even work as a **DIY product**

Installation flexibility: **applicable on all surfaces**

on **etics**, on **gypsum board**) (and even on **glass**)

Continuous Support

Marketing Materials & support

Time & Cost Efficient

Personal Relationship Manager for Each Distributor

Suitable for all **weather condition**

Resistant to: Extreme temperatures from -30°C to +60°C, Frost, UV, Different humidity levels, Water, Fungus, Strong Winds

It comes with **corners** and **accessories**

Easily produced in large quantities

Quality secured with official worldwide known Certifications

Uncompromised: In case of replacement or expansion, you can find the exact same hues of the initially use stones.

After Sales Service

An extensive selection: >150 colors and **textures** combinations. Additional colors & textures on demand

Easier to install and tackle a big project

Eco-friendly

Transferred in boxes of approx. 25kg

Certifications - Warranty



CERTIFICATE

TÜV AUSTRIA

Management System as per EN ISO 9001 : 2015

In accordance with TÜV AUSTRIA procedures, it is hereby certified that

MATHIOS REFRACTORIES S.A.

MATHIOS REFRACTORIES S.A.

Headquarters: 5, Epidavrou Str., GR-182 33 AG. IOANNIS RENTIS, ATHENS, GREECE
 Factory 1: 16th Km. O.N.R. Chalkida – Athens, GR-341 00 AVLIDA, CHALKIDA, GREECE
 Factory 2 - Mathios AD: 9, Nikola Malashevski Str., 2600 DUPNICA, BULGARIA

Applies a Quality Management System in line with the above Standard for the following Scope

RESEARCH, DEVELOPMENT, PRODUCTION AND TRADING OF REFRACTORY, ANTI-ACID, INSULATING, BUILDING CHEMISTRY CONSTRUCTION MATERIALS AND PRODUCTION OF STONE VENEERS. REFRACTORY, ANTI-ACID AND BUILDING CONSTRUCTIONS.

Certificate Registration No.: 011610005343 Valid until: 2024-09-15
 Initial certification: 2010-06-02

Marie Agapiou
 Marie Agapiou
 Head of Management Systems & Products Certification Division
 Certification Body at TÜV AUSTRIA Athens, 2021-09-27

This certification was conducted in accordance with TÜV AUSTRIA auditing and certification procedures and is subject to regular surveillance audits.

TÜV AUSTRIA HELLAS
 429, Mesogeion Ave.
 GR-153 43 Athens, Greece
www.tuv.austriahellas.gr



094210-21-8



30 YEAR LIMITED warranty

Mathios Refractories S.A. warrants that for a period of 30 years from the date of the original purchase, its products will be free from defects in material, shape, color and workmanship, provided that they are used on structures conforming to the regulations being locally in force and that they are assembled into structures in conformity with the Mathios Refractories instructions.

For a valid 30 years limited warranty please strictly follow the installation instructions provided in each carton box with Mathios stone products or visit our you tube channel for visual material regarding proper installation method.

Mathios Refractories will free of charge repair or as the case may be supply of new products to replace the defective. This warranty is limited to the said repair or supply of new products to replace the defective ones and does not cover any costs, whatsoever, incurred in relation with the assembly of the products into structure, like indicatively labor costs incurred in removal and replacement of defective products. This warranty does not as well cover damage caused by the structure itself or the construction or eventual repair of the building or the other wall movement, contact with chemicals or paint, discoloration due to airborne contaminants, staining or oxidation or foot traffic.


Mathios Refractories is only liable to the original purchase. This warranty cannot be transferred to any subsequent owner.


This written warranty represents the entire warranty agreement between Mathios Refractories and you. This warranty may not be altered in any way other in writing by an officer of Mathios Refractories duly therefore authorized.

MATHIOS REFRACTORIES S.A.

5, Epidavrou Str., 182 33 RENTIS, ATHENS, GREECE
 Τηλ: +30 210 49 63 299
 Fax: +30 210 49 63 299
www.mathios.com
 e-mail: export@mathios.gr
mathios@mathios.gr

TÜV AUSTRIA HELLAS

 SICHERHEITSCERTIFIKAT CONTRACTOREN

 **Eco Sign**

No Harmful Substances for Humans & the Environment. A+ classified in terms of volatile organic compounds (VOC) which means a low chemical footprint in the atmosphere and air quality inside a building.



ΜΑΘΙΟΣ
ΠΥΡΙΜΑΧΑ Α.Ε.

Επιδαύρου 5, 182 33 Αγ.Ι.Πέντης
Τ 216 07 09 199
Τ 210 49 13 502
E mathios@mathios.com
www.mathios.com



MATHIOS
REFRACTORIES S.A.

5 Epidavrou Str., 182 33
Athens, Greece
Τ +30 216 07 09 199
E mathiosexport@mathios.com
www.mathios.com



MATHIOS A.D.

Nikola Malashevski 9
2600 Dupnica, Bulgaria
Τ +35 987 884 4413
E mathiosad@mathios.com
www.mathios.com

Distributor:

