



1959 - 2024



「 -2024-
A YEAR
OF CELEBRATION.
ONE INVALUABLE
MINERAL.
HUNDREDS
OF FINISHED GOODS.
AND IN BETWEEN,
65 YEARS
OF MINING HISTORY
IN THE MAKING. 」

FOR

65 YEARS 03

WE KEEP DOWN TO EARTH

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1959 - 2024

6 5 Y E A R S

Integrity is the foundation
of our success.



Established in 1959 as a mining and industrial concern, Grecian Magnesite S.A. offers magnesia-based products for dozens of industries. We mine, process, and deliver a wide range of application-specific grades of caustic calcined and deadburned magnesia, basic monolithic refractories, magnesium carbonate, and dunite.

We enjoy success in mining and business that dates back to 1914. Our expertise and meticulous attention to detail result in products that lead their field in the consistency of their chemical and physical properties.

The quality of our products and the integrity of our operations has paid off in customer satisfaction and a leading position in international markets.



MINING & PROCESSING

State-of-the-art technology.
A sustainable comparative
advantage.



Grecian Magnesite is a leading magnesia producer and exporter in the European Union, shipping to more than 70 countries worldwide. Being the best requires a well-balanced combination of skillfully managing resources, optimizing operations through technology integration, maximizing efficiency, reducing operational costs, and increasing flexibility.

Our major deposits and production facilities are in Chalkidiki, northern Greece, in Eskisehir, central-western Turkey, and on the island of Euboea, central Greece, where we mine magnesite of exceptional quality and admirable consistency. Our annual capacity exceeds 200.000 tons of calcined products, 60.000 tons of basic monolithic refractories and 10.000 tons of Electrical Grade Magnesia powders.



Our assets also include a modern R&D facility near Thessaloniki, reserve deposits in Greece and Turkey, and our headquarters in Athens and Istanbul.



Our engineering team is dedicated to optimizing mining and production processes to align with available resources and effectively meet market demands. We consistently fine-tune our operations through ongoing enhancements in our facilities, incorporating leading-edge technologies such as high-resolution RGB camera sorters and cutting-edge X-ray-based mineral processing lines integrated with artificial intelligence. This synergy of advanced technology and our team's expertise, combined with streamlined processing, allows us to offer numerous magnesia-based products to our clients - at the right time and quality!



QUALITY CONTROL AT EVERY STAGE



Our magnesite is famous for its low iron content (as low as 0,02% Fe in the calcined/final product) and low levels of heavy metals and trace elements -hence its bright white color! Low lime content and microcrystalline structure add to our magnesite's advantages.

From ore mining to the dispatch of the final product, we employ rigorous testing and analysis at every stage of production in full accordance with European and international standards.

Located near the main production facilities, our Quality Control Laboratories allow for swift and efficient support of all production departments, including mining, beneficiation, calcination, and final processing, ensuring a seamless and efficient production process. All products are thoroughly verified for key properties to ensure they conform to specifications.





DELIVERING

In a world of innovation
we offer solutions.

Grecian Magnesite supplies magnesia-based products worldwide. We sell more high-quality caustic magnesia for specialized applications than any other European producer!

Our global presence underlines our sense of responsibility towards our customers and improves our capability to serve them more efficiently.

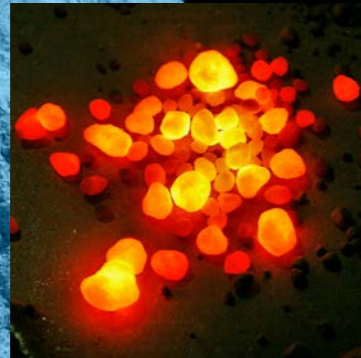
Empowered by our expertise and exceptional magnesite quality, we develop custom solutions for specific market segments. Our marketing team continuously monitors trends to identify changes in existing uses and new applications for magnesite and its derivatives. Our Research and Development scientists cooperate with our Marketing team to design new products and create innovative solutions.



Shipping to more than 70 countries worldwide, we have refined the art of distributing magnesia quickly, safely, and cost-effectively. Thanks to longtime and trusted partnerships we have developed with shipping lines, forwarding agents, and local carriers, we offer solutions to supply the products our customers are looking for in the shortest period and at the lowest cost.

CAUSTIC CALCINED MAGNESIA

- Superior & consistent performance for the widest range of applications:
- Hydrometallurgy (precipitation of metals such as Ni, Co, U, and RE)
 - Construction (industrial, marine and decorative flooring, panels)
 - Abrasives (grinding and polishing wheels, millstones for rice peeling)
 - Electrofused Magnesia, Electrical Grade
 - Agricultural (Animal feed and fertilizers)
 - Marine Scrubbers
 - Chemicals
 - Production of Magnesium Compounds
 - Brake Linings
 - Catalysts
 - Pharmaceuticals, Cosmetics
 - Food Additives
 - Glass
 - Environmental (flue gas treatment, waste water treatment, e.t.c.)
 - Metallurgical
 - Fillers (plastics, rubber, paints, adhesives)
 - Fuel & Lubricant Additives
 - Pulp & Paper



DEADBURNED MAGNESIA

- Low iron content and excellent sintering characteristics for:
- Heating Elements
 - Leather Tanning
 - Welding Fluxes
 - Brake Lining
 - Electrical Applications (Mineral insulated cables, e.t.c.)
 - Refractories
 - Magnesium Phosphate Cements
 - Dental Applications

MAGNESIUM CARBONATE

- Exceptional whiteness for:
- Ceramics
 - Agricultural (Animal feed and fertilizers)
 - Flat Glass
 - Welding Fluxes
 - Metallurgical Applications
 - Paints & adhesives

BASIC MONOLITHIC REFRACTORIES

A full range of high-performance Gunning (EAF, Converter, Ladle), Dry Ramming, Wet and Dry (Cold & Hot setting) Tundish coating mixes, Fettling mixes, Castables, and EBT fillers, serving the iron & steel industry

DUNITE

- A versatile, carbon-neutral rock with serious cost-saving benefits.
- Refractories (bricks and mortars)
 - EBT filler
 - Fluxing agent in blast furnaces
 - Mineral wool
 - CO₂ sequestration

HIGH-QUALITY MAGNESITE PRODUCTS

We make millions of lives
a little easier every day.



We demand more because our clients expect the best! Our magnesite is used as the foundation for hundreds of products, and we continue to develop our portfolio year by year.

Our solutions are trusted by millions of consumers worldwide and are proven to stand the test of time. For instance, in 2024, we celebrated 20 years in the market for two of our products: our leading leather tanning solution, TANMA[®], and our premium, venture electrical grade magnesia powder for heating elements, Electromag[®] CB.

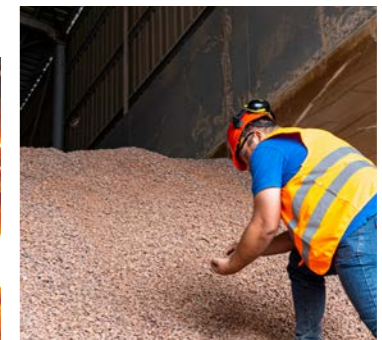
Our flagship products, Vitalmag[®] and Fertilmag[®], designed for the animal feed and fertilizer industries, respectively, outperform the competition with their exceptional quality and environmental performance, as they emit 75% less fossil fuel CO₂ emissions than the industry average, equating to just 0,15 tons of CO₂ per ton!

Some more examples include solutions for hydrometallurgy (AK98[®]VHR), magnesium compounds (Normal L Active[®]), and ceramic tiles (KERMA[®]), among many others.



OUR PEOPLE

Putting skill and experience
to work for you.



Every company is only as good as the team it employs. At Grecian Magnesite we have quality people for all facets of our production. These people have made our success possible. Our top priority is a safe workplace and a healthy environment in all work sites.

We provide every employee with the opportunity for continuous education and professional development, and this mindset has led to strong bonds within our company and its people. It is gratifying to know that our people keep their skills and talent sharp and give their best to provide the finest products and services for our clients.



WE VALUE EARTH HIGHLY

Using and recycling resources to protect and restore nature.



Sustainable mining has been our modus operandi since day one. Vegetation, pure air, and clean water are Earth's most valuable resources, and we strive to protect them and preserve our land's long-appreciated beauty.

We safeguard human health and environmental welfare by ensuring no toxic or hazardous materials are used during mining and production. We control emissions with advanced and effective filtration systems and operate a novel flue gas desulfurization (FGD) plant. Moreover, the use of thickeners allows us to recycle and recover more than 90% of the water used in production.

Our company proudly runs the first all-electric underground mine in Europe, Euboea Island, with zero carbon footprint. We continuously invest in renewable energy projects throughout our facilities and replace solid fossil fuels in our kilns with sustainably produced biomass. To keep up to date with developments in the field, we actively participate in innovative projects such as carbon capture, storage, and utilization technologies.



We invest in circular economy, progressively increasing the use of old Run of Mine tailings and by-products and developing new, innovative products from mining wastes; take for example our dunite top-notch product series, OLIDUN!



Land restoration complements our sustainability efforts; we use special software for surface planning and automated watering, replace topsoil, and regenerate using trees from our plant nursery. To this day, more than 1.640 km² of disturbed areas have been restored, whereas the overall number of trees and seedlings planted exceeds 124.000!

IN SHORT...



Integrity, reliability, and respect for people and the environment are the principles that have shaped Grecian Magnesite. We maintain our leading presence through continuous product development, expansion to new markets, and improvement of mining processing.

Our products are used to manufacture hundreds of finished goods, benefiting millions of people.

Our mission is to continue transforming our rich mineral resources into high-end products for a wide range of industries worldwide.

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