



SPECIALIST IN FRITS, ENAMELS AND GLAZES

Specialists in
Frits, Enamels
and Glazes

EMO FRITE d.o.o. is a worldwide distributor and manufacturer of glass-ceramic materials, with almost 100 years of expertise in developing frits for enamel coatings, high-quality glazes and binders for grinding wheels.

We are proudly presenting the company's rich history, diverse product range and commitment to innovation, highlighting our crucial role in various industries and potential for long-term partnerships built on trust and excellence.

Our journey began several decades ago as pioneers in the development of frits for enamel coatings. Over the years, we expanded our portfolio, adapting to changing market needs and technological advancements.

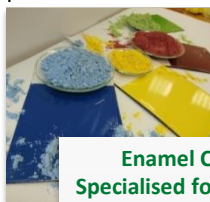
The company's **evolution from a frit specialist to a comprehensive supplier of ceramic and glass-ceramic materials** exemplifies its commitment to progress and adaptability. This journey has been marked by continuous research and development, resulting in a wide array of high-performance products for various industrial applications.

Journey

1	Pioneering Beginnings	EMO FRITE starts as a specialist in frits for enamel coatings, laying the groundwork for future innovations.
2	Expansion into Glazes	The company broadens its expertise to include high-quality glazes for the ceramic industry, enhancing its market presence.
3	Introduction of Binders	EMO FRITE ventures into the production of frits and binders for grinding wheels, opening new industrial applications.
4	Modern Era	Today, EMO FRITE stands as a comprehensive supplier, offering a diverse range of ceramic and glass-ceramic materials to multiple industries.
5	Global Presence	Exporting 95% of products to over 25 countries in Europe, Asia, South America and Africa.

We boast a diverse and comprehensive product range for various industrial needs. Our products are designed to meet the highest standards of quality, durability and performance across different applications.

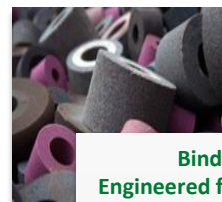
Comprehensive Product Range



Enamel Coatings
Specialised for household appliances, kitchen equipment, water heaters and metal products. These coatings offer exceptional resistance to high temperatures, corrosion and mechanical damage, ensuring longevity and performance in demanding environments.



Glazes
Tailored for ceramic products, our glazes provide unparalleled shine, resistance, and aesthetic appeal. These are crucial in the production of both, decorative and functional ceramics, enhancing the visual and tactile qualities of the final products.



Binders
Engineered for artificial grinding wheels, these binders improve bonding properties and durability. They contribute to extended lifespan and stability of grinding tools, making them indispensable in various industrial sectors requiring precision and reliability.

EMO FRITE's products are applied in a wide spectrum of industries, showcasing the company's versatility and specialized expertise.

This diverse client base not only demonstrates the broad applicability of EMO FRITE's solutions but also highlights the company's ability to adapt to specific industry needs.

Home Appliances:
Heat-Resistant and Durable

Enamel coatings are integral in producing ovens, stoves and hobs. These coatings ensure high heat resistance and durability, critical for kitchen appliances exposed to extreme temperatures and frequent use.



Ceramic Industry:
Glazes for Aesthetics and Function

Glazes are used in the production of ceramic tiles, sanitary ceramics and decorative products. These glazes not only enhance the aesthetic appeal but also provide essential functional properties such as water resistance and ease of cleaning.



Frits and Binders in Grinding
Wheels:
Precision Engineering

Frits and binders are a crucial component in manufacturing grinding wheels. These are widely used in metalworking, toolmaking and other industries where precision grinding and material processing are paramount.



Industries Served: Versatility and Specialization

Enamel in Cookware: Culinary Excellence

Enamel is a glass-like coating applied to metal cookware, usually cast iron or steel, to make it non-reactive and easy to clean. It's highly durable, protecting against rust, stains, and scratches, while resisting high temperatures. The non-porous surface prevents sticking and doesn't absorb flavors.



Grills: Heat-Resistant and Corrosion-Proof

Enamel coatings enhance grill performance and aesthetics with a glassy, porcelain-like finish that bonds smoothly to metal. It provides a non-stick, easy-to-clean surface, resists high heat, and protects against moisture and corrosion, extending the grill's lifespan.



Water Heaters: Extended Lifespan with Enamel

Our premium enamel coatings protect water heater interiors from rust and corrosion, extending the lifespan and preserving water quality. Certified by leading external institutes (TÜV, WRAS), our enamels guarantee top-tier quality and performance for your water heaters.



Facade Plates: Enamel for Lasting Exteriors

Our high-performance enamel coatings protect facade plates from weather, UV exposure, and corrosion, preserving exterior appearance and durability. With a smooth, easy-to-clean surface and fade-resistant colors, enamel keeps facades fresh and maintenance-free for years.



Frits for Glass: Durable and Radiant

Frits for glass are expertly formulated to enrich glass products. Acting as a flux, they lower melting points, improve material properties and help achieve vibrant colors and smooth finishes. Our frits boost durability, chemical resistance and overall performance, ensuring long-lasting, high-quality results.



Technical Ceramics: Frits for Enhanced Properties

Specialized frits for technical ceramics deliver exceptional durability, thermal resistance and precise functionality for demanding applications. Engineered to enhance strength and performance, our frits ensure reliable, high-quality ceramic products for industrial use.



EMO FRITE prides itself on its customer-centric approach, recognizing that each client has unique requirements and challenges. This philosophy drives the company's commitment to tailoring solutions that precisely meet individual customer needs.

Customer-Centric Approach

Collaborative Development

We work closely with clients to understand their specific needs, involving them in the development process to ensure the final product aligns perfectly with their requirements.

Flexible Manufacturing

The company's advanced manufacturing facilities are designed for flexibility, allowing for customisation of products in terms of composition, properties, and batch sizes.

Customer-Centric Approach

Technical Support

Our dedicated team of technical experts provides comprehensive support throughout the product lifecycle, from initial consultation to after-sales service.

Continuous Improvement

We actively seek and incorporate customer feedback, driving continuous improvement in products and services to better serve evolving industry needs.

This customer-focused strategy has enabled EMO FRITE to build strong, lasting relationships with clients, positioning the company as a trusted partner rather than just a supplier.

Enamels and glazes increase product durability with their firmness and scratch resistance properties.

As we look to the future, the company remains committed to driving innovation and excellence in the field of ceramic and glass-ceramic materials.

With a strong foundation built on decades of experience and a forward-thinking approach, we are well-positioned to meet the evolving needs of industries in the years to come.

The company's vision for the future includes:

- Continued investment in research and development to pioneer new materials and technologies
- Expansion into emerging markets and applications for ceramic and glass-ceramic materials
- Further enhancement of sustainable practices and eco-friendly product offerings
- Strengthening of global partnerships and collaborations to drive industry-wide innovation

We extend an invitation to businesses and individuals in industries utilizing ceramic and glass-ceramic materials to explore the possibilities of long-term cooperation.

Whether you're seeking high-quality enamel coatings, innovative glazes or advanced binders, EMO FRITE is ready to be your trusted partner in success.



EMO FRITE d.o.o.

Bežigrajska cesta 18
3000 Celje
Slovenija, EU



Contact:

T: + 386 3 5412 261
F: + 386 3 5419 394
E: info@emo-frite.si

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on our website:



You may find and download our catalogues
and product lists here:

