

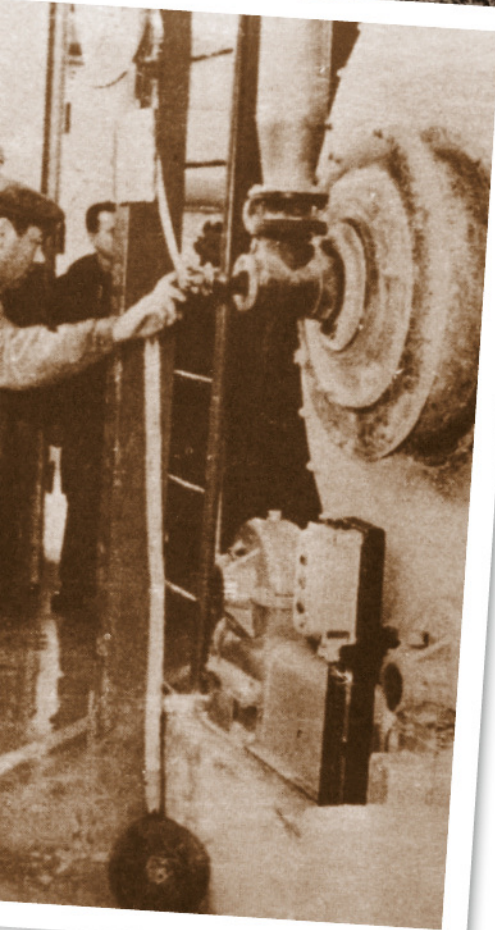
Products worthy of your confidence



# LESSONS FROM THE PAST ENRICH US







## Yesterday

### History

The production of frits and enamels in Celje began in the late nineteen-twenties and thirties and was closely related to the development of Westen, once an internationally famous company founded in 1894 that produced enamelled cookware.

In the years between 1928 and 1930, the factory started to melt frits according to German recipes.

A milestone was reached in 1947 when the factory started its own development of frits in Celje. At that time, a group of engineers led by an internationally recognised expert on enamels, Hubert Ankerst, set up a research and development laboratory to develop ground and acid resistant frits. After 1954, they also started producing titanium frits, and from 1977 frits for ceramic glazes.

The company, which originally manufactured frits and enamels only for the EMO cookware factory, had gained so much knowledge and experience over the years that it was able to expand its product lines, modernise equipment and begin to supply other users with these types of products worldwide.

In the year 2000, a continuous line producing enamels for electrostatic powder coating opened. This completed our product lines for all products used in the modern enamel industry.

We are present today with a full range of products as a strong supplier of frits and enamels in the global market.

# Today

## About us

EMO FRITE is a medium-sized private company producing frits and enamels. The company is known for the quality of its products and business reliability. The structure of employees is based on a high level of qualified technological personnel. Since 1996, we have been operating in accordance with ISO 9001, which is confirmed by a certificate issued by the international BUREAU VERITAS institution.

Our advantages are: constant quality, rapid response time, short delivery times, a wide selection of products and comprehensive after-sales activities.

### **The main activities of the company are:**

- developing new products and adapting existing products for new customers,
- producing and marketing frits and enamels for the enamel industry, frits and glazes for the ceramic industry and for grinding wheels, special frits and glasses and
- after-sales activities (support at start-up, consulting, service...).

**Today, we export 90 per cent of our products and expertise to over 20 countries worldwide. In addition to the European market, we are also present in the markets of Asia, South America and Africa.**

## Our mission

To strengthen the potential of your products - provide quality, comfort design, durability and usability with our solutions in the area of frits, enamels, glazes and adhesives.

## Our vision

– a well-established and recognised brand in the marketing, developing and manufacturing of frits-based products.

## Our values

### **FLEXIBILITY:**

adapting to the needs of our customers is our basic guide.

### **ECONOMY:**

our work objectives are fulfilled in a high-quality, timely, and cost efficient manner.

### **RECIPROCITY:**

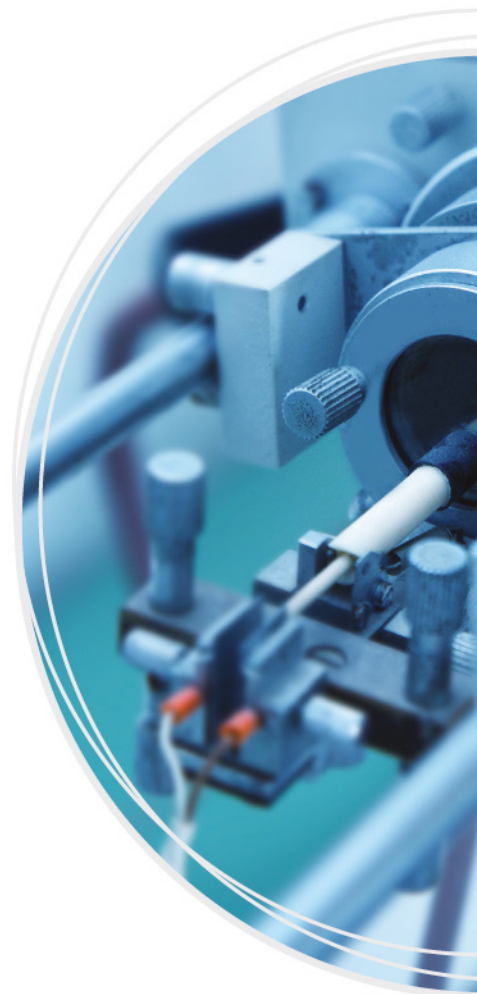
operating in the long term, and maintaining mutual partnerships with all the stakeholders of the company.

### **AMBITION:**

to be united by a passion for work and our products.

### **RESPONSIBILITY:**

responsible to ourselves, our company and the environment we care for our customers.







# WE PROVIDE ECOLOGICAL INTEGRITY



## For tomorrow

### Ecology

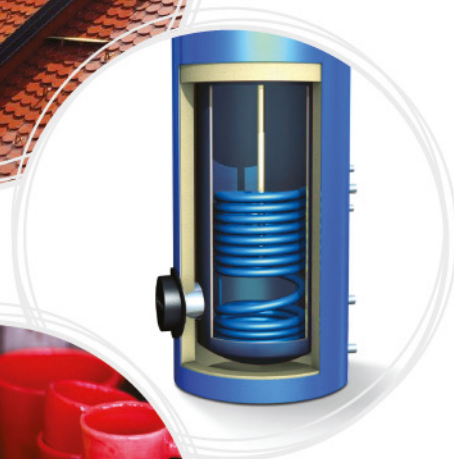
Sustainable development and continuous improvement in all areas of our operations which may significantly affect the environment are essential for the stability and growth of our company.

Our concern is primarily for the efficient and safe use of chemicals, waste reduction, reducing carbon dioxide emissions, reducing energy consumption and the ecological integrity of our products.

We monitor and regularly check compliance with legal requirements and the requirements of our customers. The operating principle of the company EMO FRITE is to use environmentally friendly technologies, carefully manage the environment, and operate in accordance with the legislation, of which all of the employees are aware.



# WIDE RANGE OF PRODUCTS USING OUR FRITS



# Production programme

Enamel and ceramic products are becoming very significant not only for anticorrosion protection, but also because they give products a pleasant and modern look. Among all the positive characteristics of enamel and ceramic products, we would like to highlight microbiological integrity as well as easy cleaning and chemical resistance.

## Enamel products

### GROUND ENAMELS (one or more component enamels) for

- steel sheet enamel grade
- thicker steel
- IF and problematic steel
- enamelling steel without acid pre-treatment

### COVER COAT ENAMELS

- titanium white enamels
- titanium enamels for pastel colours
- coloured enamels  
(transparent frits for bright and dark colours)
- self-coloured enamels  
(used with or without adding pigment)
- beading enamels

### DIRECT ENAMELS

- direct black acid-resistant enamels
- easy-to-clean enamels (ETC)
- direct brown enamels
- enamels for water heaters
- alkali-resistant enamels
- direct titanium white enamels

We also offer RTU (ready-to-use) or RTM (ready-to-mill) forms of enamel.

## Electrostatic enamels

### ELECTROSTATIC POWDER ENAMELS

- ground coat powder enamels – process 1c/1f  
(one coat, one firing), 2c/1f (two coats, one firing)
- cover coat powder enamels – process 2c/2f  
(two coats, two firing), 2c/1f (two coats, one firing)
- powder enamels for water heaters
- direct enamels
- easy-to-clean enamels (ETC)

### WET ELECTROSTATIC ENAMELS

- ground coat enamels
- cover coat enamels

## Ceramic products

### FRITS FOR CERAMIC AND RESIN BONDS IN GRINDING WHEELS AND READY-MADE CERAMIC BONDS for

- Al<sub>2</sub>O<sub>3</sub> abrasive grains
- SiC abrasive grains
- CBN abrasive grains
- diamond abrasive grains

Suitable for temperatures ranging from 950°C to 1300°C.

**Frits for ceramic bonds in grinding wheels** are developed according to the needs and preferences of individual customers because of the specificity of each product. Frits for grinding wheels are available in granulate or powder form.

### FRITS, GLAZES AND ENGOBES FOR ROOF TILES

- transparent
- semi-opaque
- opaque
- glossy
- matt
- bismuth
- iron
- manganese
- copper
- titanium
- cobalt

### FRITS AND GLAZES FOR DECORATIVE, PRACTICAL AND TECHNICAL CERAMIC

- transparent
- opaque
- glossy
- matt
- special frits (molybdenum, tin)
- frits for glass

Frits are available in granulate, powder form or milled with requested additives.

**Ceramic glazes** combine an aesthetic effect with the practical use of products.



ISO 9001

BUREAU VERITAS  
Certification



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