



## TECHNICAL DATASHEET

# MATT SYNTHETIC ENAMEL

Matt synthetic enamel

### DESCRIPTION

Matt synthetic solvent-based enamel. High quality formulated enamel with modified alkyd resin for the protection and decoration of indoor-outdoor surfaces.

### RECOMMENDED USES

Adequate for the decoration and protection of all type of surfaces made of wood, plaster, iron, steel, galvanized materials, etc., already primed, for indoors and outdoors. Also for wood and masonry surfaces without being primed. It is used as a finish coat for indoor pipes, and the exterior of buildings, structures in soft environments and any other decorative application. For aggressive environments, for its better resistance, it is advisable to use a satin or glossy synthetic enamel.

### CHARACTERISTICS

- . High colour retention.
- . Great resistance, hardness and adhesion.
- . Water-repellent.
- . Highly washable.
- . Silky appearance and touch.
- . Excellent brush stroke and levelling.
- . It dries in a uniform and hard coat, keeping its excellent flexibility.
- . Quick drying and good characteristics when repainting.
- . Maximum resistance to impacts.

### TECHNICAL CHARACTERISTICS

Main component:	Modified alkyd resin.
Pigments:	Organic and inorganic pigments with maximum resistance to light.
Appearance:	Matt.
Paint thinner:	Synthetic solvent (turpentine; avoid universal solvents).
Volume solids:	45-59 % depending on colour.
Specific weight:	1,32± 0,05 gr/cc depending on colour.
Colour:	Black and white.
Minimum recommended density:	30-50 dry microns.
Drying:	6-8 hours to 20°C.
Repainting:	Minimum 24 hours. Maximum: unlimited.
Theoretical performance:	10-12 m <sup>2</sup> /l per coat (depending on colour).
Packaging:	375 ml, 750 ml and 4 litres.



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### APPLICATION

#### **Surface preparation:**

On new steel or iron surfaces, it is advisable to prime with our **antioxidant primers or solvent-based Universal Primer**.

On wood, plaster or cement, apply our **solvent-based synthetic sealant**.

On non-ferrous metals (aluminium, galvanized materials, copper, zinc), a first coat must be applied with our **solvent-based Universal Primer**.

On already painted surfaces, if the paint is in a good state, sand it softly to tinge and improve adhesion, clean and apply directly. If the paint is in bad state, it must be removed and proceed like if it were a new surface.

In any case, the surface must be clean and free of dust, grease, efflorescence, oxide, etc.

#### **Instructions for use:**

Stir the content until it is uniform. Always apply on clean, dry surfaces without any dust, wax, grease, etc.

It can be applied with brush, roller or spray gun. For the application with brush and roller, if diluting is necessary, use a minimum amount of synthetic solvent. For spray gun application, dilute it between 10-20 %.

A second coat is optional, but it will give a better resistance. In order to avoid cracking or wrinkling, it is recommendable not to exceed the recommended density per coat, or **the use of solvents that allow repainting** and do not attack inferior coats.

Never apply under 5°C or above 35°C, or when it is raining, with humidity, frost, etc.

### OBSERVATIONS

The characteristics of the product can be achieved once it is completely dry and hardened, as well as applied on the specified basis.

Consumption is theoretical and it depends on the state of the material. The real consumption will be determined for each construction work and its representative tests.

The data explained here is based on our current knowledge, laboratory trials and use in a particular circumstance with subjective opinions.

Due to the impossibility of establishing an appropriate description to each nature and state of each surface, it is impossible to guarantee the total reproduction for each specific use.

The manufacturer and the seller do not assume, except for specific written agreements, any responsibility coming from the use of our products, results, damage, etc., that can be presented in applications carried out according to our recommendations, since they are out of control of the company.

### STABILITY AND PRESERVATION IN THE CONTAINER

Keep the container closed in a temperature between 5-30 °C.

The shelf life of the product in its original container and without opening is one year.

### SAFETY AND ENVIRONMENT

Special safety measures are not required since it is a product with a solvent base, except for the usual ones.

Do not eat. Keep open containers away from children. Keep a good ventilation in case of an indoors application. For more information, see the safety datasheet of the product.

Data indicated in this technical datasheet can be modified without prior notice.

**REVIEW: 15/03/2016**