



# TECHNICAL DATASHEET **EPOXY FLOORS**

Epoxy floor paint

## **DESCRIPTION**

Paint with Epoxy-polyamide solvent with two components for the protection of indoor floors formulated with pigments and additives of maximum resistance.

## **RECOMMENDED USES**

It is usually used as an anti-dust paint for floors, concrete, cement pavements, etc. Appropriate for painting garage, industrial building, storehouse, workshop floors, etc. It can be applied on old and new floors in order to make the cleaning process easier. Resistant to fresh and salt water, sewage, chemical alkali or acid products, organic solvents and corrosive atmospheres.

## **CHARACTERISTICS**

- . Excellent adhesion, flexibility and hardness.
- . Quick drying and hardening.
- . Good resistance to chemical and mechanical abrasion.
- . Resistant to oil, grease, weak acids, salt, water, alkali and solvents.
- . Smooth finish.
- . Great filling power.
- . High coverage.
- . High resistance to abrasion.
- . Resistant to cleaning products.
- . Maximum resistance to impacts.
- . It avoids soil erosion and deterioration.

## **TECHNICAL CHARACTERISTICS**

Main component:	Epoxy resin hardened with polyamide.
Pigments:	Pigments and additives of maximum resistance.
Appearance:	Semi-gloss.
Paint thinner:	Epoxy solvent.
Mixture proportion:	4:1 in weight with Epoxy catalyst.
Volume solids:	62±2%
Specific weight:	1,47 + 0,05 g/l
Colour:	Grey, red and green.
Recommended minimum density:	50-60 dry microns.
Mixture shelf life:	6-8 hours to 20°C.
Drying:	12 hours to 20°C.
Repainting:	Maximum 72 hours.
Theoretical performance:	5-8 m <sup>2</sup> /l coat and surface.
Packaging:	16 Kg base + 4 Kg catalyst.



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### APPLICATION

#### **Surface preparation:**

On steel without painting, it is advisable to apply sandblast until Sa 2 ½ or to degrease the surface.

On cement or concrete, if the surface is new, it is advisable to wait a minimum of 28 days to make sure the total curing of the concrete or cement. Afterwards, it will be washed with a solution with hydrochloric acid in 10 % of water, and cleared with water. On polished pavements, it is necessary to mill or sandblast the surface. It can be applied directly on the clean concrete, with manual cleaning, sandblasting or milling, and it must be dry, compact and in good conditions, always free of dirt and grout. On already painted surfaces, paint blisters, dust and any particle on the surface must be removed mechanically with a steel-bristle brush. In case of porous or dusty surfaces, it is advisable to apply a first coat of Epoxy sealant or Epoxy floor paint diluted between 15-20 % with Epoxy solvent, working as a primer. Next, the recommended coats will be applied.

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

Stir the content until it is uniform. Mix all components according to the specified proportion until it is uniform. It can be applied with brush, roller or airless gun. For the application with brush and roller, if diluting is necessary, use a minimum amount of Epoxy solvent. For airless gun application, dilute it between 5-10 % with Epoxy solvent. Any excess of solvent may cause a slower hardening process. For that reason, it is advisable that temperature is above 15 °C. If not, more solvent would have to be added in order to obtain the appropriate density.

Never apply under 5°C or above 35°C, or with possible rain, high humidity, frost, dew, 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

Preserve in a well-closed container, under cover and in a temperature between 5-30 °C.

The shelf life of the product in its original container and without opening is two years.

### 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: 04/04/2024**