

TECHNICAL DATA SHEET

EPOFLEX

Two-component waterborne epoxy enamel paint



PRODUCT DESCRIPTION

Two-component waterborne epoxy-based enamel paint with satin effect finish. It guarantees high performance in terms of resistance and durability, even when applied to interior floors subject to the passage of heavy vehicles.

INTENDED USE

Destination:

Interiors

Specific for:

Cement based floor surfaces of industrial buildings, garages, schools...

SURFACE PREPARATION

The correct surface preparation of the substrate will guarantee the best results in terms of product yield, appearance and resistance in time of the finish

CEMENT, GYPSUM AND PLASTERBOARD SURFACES

- **New unpainted surfaces** Clean the surface and remove all possible traces of dust or dirt. Do not apply with relative humidity higher than 15%. Wash the floor with a 10% muriatic acid solution, leaving it to act until the bubbles on the surface have gone away. Wash with water and let dry.
- **Previously painted surfaces:** Check that the state of the existing substrate or paintwork is in excellent condition and clean the surface and remove all possible traces of dust or dirt. If the surface shows signs of defects, such as peeling or chalking, remove any loose parts that would compromise the correct adhesion of the product. Any repair work must be carried out with appropriate epoxy mortars. Do not apply with relative humidity higher than 15%. Wash the floor with a 10% muriatic acid solution, leaving it to act until the bubbles on the surface have gone away. Wash with water and let dry.

Additional information:

- The substrates must in every case be sound, dry and clean.
- Remove all possible traces of dust, dirt or other impurities before the application.
- The nature of the support can change the final appearance of product.

The information reported herein is the result of our best experience and technical knowledge to date and is given in good faith and for guidance only. ADICOLOR cannot be held responsible for the actual use of the product since the application is influenced by many factors and is carried out beyond our control. The data and information herein may be subject to changes, even without notice, as a result of any technical development.
This technical data sheet cancels and replaces any existing previous version.









INSTRUCTIONS FOR USE**Tools used for application**

- Brush
- Roller

APPLICATION METHOD

- After carefully mixing together part A with part B, dilute the product as indicated and proceed with the application. It is necessary to apply two coats of the product in order to ensure excellent resistance. In the event of floors subjected to hard wearing conditions, the application of a third coat is recommended.
- Catalysis ratio:
PART A (Epoplex Base) **4 Kg** : PART B (Epoplex Catalyst) **1.6 Kg**.

TECHNICAL SPECIFICATIONS

	Indicative spread rate per coat (m ² /ℓ)	-	-	10 to 12
	Thinning (%)	-	water	30 to 35 (variable according to the absorption of the substrate)
	Touch dry (at 25°C)	-	hours	24
	Totally dry	-	hours	48 (before passing over the floor)
	Recoat time	-	hours	24
	Density (kg/ℓ, ±0.02)	ISO 2811	at 20°C	White: 1.450 Red / Grey: 1.500
	Viscosity Brookfield (mPa·s)	ISO 2555	at 20°C	4,000 to 6,000
pH	pH value (±0.5)	-	-	10.5
	Solid contents by weight (% , ±1)	-	-	60

* the data herein reported refer to measurements made at the end of the production process.

TOOL CLEANING

- Clean working tools immediately after use with soap and water.

WARNINGS AND ADDITIONAL INFORMATION

- Do not apply with air and surface temperatures below 5°C and above 28°C.
- The drying times indicated may vary in relation to the relative humidity and the existing temperature.
- Carefully verify spread rates and the surface area to be coated to avoid running short of product during the working process. This will also reduce the risk of eventual differences in tones.
- The spread rates and yields of the product are given as guidance only and may vary notably according to the substrate condition and the application method used.
- Stir the product thoroughly before use.
- Remove masking tapes before total drying of the product.
- It is recommended to always carry out a sample test on the specific surface before starting the final work.

HANDLING AND STORAGE

- Consult the relative **Safety Data Sheet** for the detailed user's health and safety information.
- Use the product in accordance with your current health and safety legislation regulations in force.
- Do not disperse the packaging in the environment
- Store the undiluted product, in original well sealed containers, in a cool and dry area, sheltered from frost and sources of heat.
- Protect the product at all times from freezing.

COLORS

Colors available:

- White
- Grey RAL 7038
- Red Oxide RAL 3009

Product included in the Adicolor tinting system:

- White (= White Base)
- Medium Base
- Neutral Base

Reference color-guides	<ul style="list-style-type: none"> ▪ Adicolor fan-deck "Le sensazioni del colore" ▪ NCS® ▪ RAL®
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- If the product requires coloring, be sure to use product bases and colorants belonging to the same batch number for the same job to avoid slight variations in color from showing.
- When using multiple cans for the same job, we recommend to mix the relative products together before use. We also recommend to use products from the same batch numbers for the same application area.
- The colors presented in our catalogues are for guidance only, even when true product applications are shown. Colors may vary notably in relation to the application, the substrate, light reflectance and the environment.
- It is recommended to test and validate colors before carrying out the final job in order to avoid any disputes.