



TECHNICAL DATASHEET

EPOXY WATER 1 COMP

Water epoxy paint 1 component

DESCRIPTION

Revolutionary water-based, single-component, pre-catalyzed epoxy-acrylic coating that offers the same performance as a two-component epoxy-acrylic system. UV resistant. Low VOC product.

RECOMMENDED USES

It is normally used as a paint for floors in general, concrete floors, cement, wood, etc. Suitable for painting floors of garages, workshops, premises, hospitals, schools, dining rooms, industrial kitchens, etc., both new and old, providing great ease of cleaning.

PROPERTIES

- . Excellent adhesion, flexibility and hardness.
- . Fast drying and thorough hardening.
- . Good resistance to chemical and mechanical abrasion.
- . Resists oils, greases, weak acids, salts, water, alkalis and solvents.
- . Fine and very smooth finish.
- . Great filling power and high coverage.
- . High abrasion resistance.
- . Resistant to cleaning products.
- . Maximum shock resistance.
- . It prevents soil wear and tear and its consequent degradation.
- . UV resistant.

TECHNICAL FEATURES

Main component:	Epoxy-acrylic resin.
Pigments:	Pigments and fillers of the highest resistance.
Appearance:	Satin.
Paint thinner:	Water.
Volume solids:	35 ± 2%
Specific weight:	1.20 ± 0.05 g/l
Colour:	White, gray, red and rust green.
Minimum recommended density:	100-120 µm wet. Apply 2 coats.
Drying:	1 hour at 20°C.
Minimum repainting:	6 hours.
Walkable:	Minimum 72 hours.
Theoretical Performance:	8-10 m ² /l per layer according to absorption and irregularities of the surface.
Packaging:	4 L and 14 L.



TECHNICAL DATASHEET

EPOXY WATER 1 COMP

Water epoxy paint 1 component

APPLICATION

Every surface before coating it must be clean and dry (there should be no moisture on the surface). Remove from the surface any materials that prevent the paint from adhering to the surface, such as dust, grease, loose paint, rust, mold, dirt, etc. The surface should not be shiny or polished.

Surface preparation:

On unpainted steel, sandblasting up to grade Sa 2 1/2 or degreasing the surface is recommended. Before painting the surface, apply a water-based anti-corrosion primer or an all-terrain water-based primer.

On cement, concrete, if the surface is new, you must wait at least 28 days to ensure the total curing of the concrete or cement. It will then be washed with a solution of hydrochloric acid diluted in 10% water, then rinsed with plenty of water. On polished floors, the surface needs to be milled or shot blasted. It can be applied directly on clean concrete that has pores, either with manual cleaning, sandblasting, shot blasting or milling, dry, compact and in good condition, and always free of grout residues and dirt. It is recommended to consolidate the surface or unify the absorption to use an acrylic fixative like our FIXER to obtain a better result.

On surfaces that have already been painted, blisters, dust and any foreign particles on the surface must be mechanically removed with a bristle brush.

Instructions for use:

Stir the contents of the container well until the product is perfectly homogenized. It can be applied with a brush, roller or airless gun. For brush and roller application, if necessary dilute, use the minimum amount of water. For airless spray gun application, dilute a maximum of 5% with water. Too much water brings slower hardening. **Never apply below 5°C** or above 35°C, as well as with high humidity or where frost, dew, etc. is expected. Do not apply in full sun or high support temperatures. Do not apply outdoors if rain is forecast within 72 hours of application.

OBSERVATIONS

The characteristics of the product are obtained once it has been completely dried and cross-linked, as well as applied on the specified substrates. The consumption is theoretical and depends on the state of the support. The actual consumption must be determined for each particular work by means of representative tests. The data reviewed here are based on our current knowledge, laboratory tests and on their practical use in specific circumstances through subjective judgments. Due to the impossibility of establishing an appropriate description for each nature and condition of each surface, it is impossible for us to guarantee total reproduction in each specific use. Both the manufacturer and the seller do not assume, except by specific written agreements, any liability arising from the use of our products, for the results, damages, etc., that they may present in applications made in accordance with our recommendations, since these are beyond the control of the company.

STABILITY AND PRESERVATION IN THE CONTAINER

Store the container tightly closed, indoors and at a temperature between 5 and 30°C. The shelf life of the product in its original and unopened packaging is 2 years.

SAFETY AND ENVIRONMENT

No special safety measures are required as it is a water-based product, except for the usual ones. Do not ingest the product. Keep open canisters out of reach of children. Maintain good ventilation in case of indoor application. For more information see product safety data sheet.

The data indicated in this technical sheet may be modified without prior notice.

REVIEWED: 20/01/2025