



## DESCRIPTION

Two-component epoxy vinyl topcoat with high chemical and corrosion resistance inside and out. Light colors may change in exterior application.

## FIELD OF USE

Intended for the protection of concrete and metal structures and metal tanks and vats for use industrial under very aggressive conditions. The IRON EPOXY finish is not permanently UV resistant. IRON EPOXY brown red and gray primers which contain zinc phosphate, are very well appreciated for the anticorrosion protection of iron and ferric alloys in combination with one or two coats of L'IRON EPOXY finish.

## TECHNICAL CHARACTERISTICS

- Aspect : Brilliant.
- Couleurs : A choice.
- Spreading-rate theoretical : 7.8m<sup>2</sup>/L/65µm.
- Density : 1.24 ± 0,05 .
- Volume-solids : 51 ± 2%.

## SURFACE PREPARATION

To ensure adhesion, all surfaces must be clean, dry and free from contamination.

Abrasive blasting to Sa 2½ degree of care according to ISO 8501-1: 2007

Roughness profile: medium G according to ISO 8503-2 (Ra 10-12.5µm) Apply a coat of epoxy primer.

## APPLICATION PROPERTIES

The 2 components are mixed in the following proportions by volume: 4 base and 1 hardener.

\* Maturation time: 10 min,

\* Mixture life: 4 hours,

\* Application equipment: airless or pneumatic spray.

Brush and roller not recommended except for small surfaces.

\* Application limit: Do not apply to support condensing or frozen, at temperature below 5 ° C, or at relative humidity above 70%.

\* Support temperature: between 5 ° C and 40 ° C.

## APPLICATION DETAILS OF USAGE

Dilution: Thinner; H303. H5250. D33 (5 to 15%).

## RECOMMENDED SYSTEM

On metal supports, well prepared:

\* 1 coat of iron epoxy primer,

\* 1 to 2 layers of Intermediate Iron Epoxy,

\* 1 to 2 coats of iron epoxy finish.

Consult us for other systems.

## DRYING TIME

Drying at 20 ° C and 60% humidity

\* Surface-dry : 1 Hour

\* Through-dry : 4 Hours

\* Recoverable : 16 Hours

## STORAGE

The product can be stored for up to 1 year under good storage conditions away from sunlight and frost in its original closed packaging. It is nevertheless recommended to shake the product before use.

## PACKAGING

Base : 20 L ;

Hardener : 4.8L.

## HEALTH & SAFETY

Health and safety information and precautions for use are detailed on the safety data sheet N° 67.

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N.B : The purpose of this technical data sheet is to provide information on the properties of our product. The information contained therein is based on our current knowledge of tests carried out with a constant concern for objectivity according to the conditions of use in accordance with standards or DTU in force; However, the information cannot replace an appropriate description and the state of the funds to be painted. This descriptive technical sheet cancels and replaces any sheet relating to the same product. The above technical data does not imply acceptance of the guarantees. Close the pot tightly after use. Help preserve the environment by not disposing of waste in the drains or household waste. Please return your empty jar to a recycling center. For your unused product, please contact your local authorities for information on disposal and collection.

COLORADO is certified ISO 9001, ISO 14001 and ISO 45001

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