



DESCRIPTION

Two-component acrylic / polyurethane topcoat with high chemical and anticorrosion resistance inside and out and good gloss and color retention. UV resistant.

FIELD OF USE

Intended for the protection of metal structures and metal tanks and vats for industrial use in very aggressive conditions. Good corrosion protection for iron and ferric alloys in combination with one or two layers of IRON EPOXY PRIMER and INTERMEDIATE IRON EPOXY. It is very resistant to splashes and splashes of acids, alkalis and most solvents. Colothane metal is also used as a floor covering on a concrete or cement support.

TECHNICAL CHARACTERISTICS

■ Aspect	: Brilliant.
■ Colors	: A choice.
■ Spreading-rate	: 8 m ² /L/50µm.
■ Density	: 1,15 +/- 0,05 Kg/L at 25°C
■ Volume-solids	: 40 +/- 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: 7 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 on condensing or frozen support, at temperature below 5 ° C, nor at relative humidity above 70%
- * Support temperature: between 5 ° C and 40 ° C.

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 colothane metal finish.
Consult us for other systems.

APPLICATION DETAILS OF USAGE

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

DRYING TIME

Drying at 20 ° C and at 60% humidity:
* Surface-dry : 30 min
* Through-dry : 3 hours.
* Recoatable: 5h.

STORAGE

The product can be stored for up to 1 year in good storage conditions out of direct sunlight, in its original packaging. It is nevertheless recommended to shake the product before use.

PACKAGING

Base: 4 L, 20 L.
Hardener: 0.5 L, 1 L, 2.8 L.

HEALTH & SAFETY

Health and safety information and precautions for use are detailed on the safety data sheet N° 105 .

Edition : October 2020 by Colorado 10/20 (DC28 D).

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