ENIPOXY-ALF 415

EPOXY ALUMINIUM FINISH PAINT

DESCRIPTION

ENIPOXY-ALF 415 Epoxy Aluminium finish paint is a two-component polyamide cured epoxy finish coating, based on Aluminium metal as a high protection pigment providing excellent resistance to industrial chemicals, acid alkalis , air borne pollutants ,saline water, & petroleum products.
It forms an excellent tough hardwearing coating, which gives excellent adhesion to the bare metal and treated surface.

RECOMMENDED USES

- **ENIPOXY-ALF 415** Can be used as a rust preventing coating for concrete and steel tanks and other surfaces
- As a heavy-duty abrasion resistant coating on steel exposed to abrasion.
- Recommended for long-term protection of steel and other structural materials in moderately to severely corrosive environment like marine atmosphere, chemical plants, oil refineries, fertilizer plant and paper industry.
- It is suggested to apply on an ENIPOXY-ZPT 412 primer coated surface for better finish and better protection.

TECHNICAL DETAILS

Colour	Alluminium, metallic, luster
Finish	Available in Semi glossy, Eggshell & matt
Solids by volume	45 $\pm$ 3 %
Pot Life	4-6 Hrs
Cure Time	over night (not more then 7 days)
Viscosity	20 secs, Ford Cup B-4
Over coat Interval	16-24 hours
Light traffic after	3 days
Full Cure	7 days
Coverage	7-8 Sqmt/Ltr./Coat @ 30 μ DFT

ADVANTAGES

ENIPOXY-ALF 415 provides a crack free heavy-duty surface; it is anticorrosive in nature, helps structure to prevent corrosion and abrasion.

SURFACE PREPARATION

For Concrete:
These should normally have been placed for at least 28 days and have moisture content of less than 5%. Floors should be sound and free from contamination such as oil and grease, mortar and paint splashes or curing compound residues. Excessive laitance can be removed by the use of mechanical methods. Dust and other debris should then be removed by vacuum cleaning.
For Steel/GI structures:
Clean the surface and remove all the deposits, heavy sanding is recommended for damaged areas of old structures, high build epoxy primer ENIPOXY PR is recommended to achieve ultimate bonding.

METHOD OF APPLICATION

Priming

Concrete should be primed with **ENIPOXY PR**. **ENIPOXY PR** should be mixed in the proportions supplied. Add the entire contents of the hardener cane to the base cane. Mix it using a slow speed drill and paddle; the primer should be applied in a thin continuous film, using airless spray, rollers or brushes. Prime the surface carefully to avoid ponding or over application. The primer should be left to achieve a tack-free condition before applying the topcoat. A second coat of primer may be required if the substrate is excessively porous.

Mixing & coating

Mix 4 Parts of Base to 1 Part Hardener (By Volume)
The entire contents of the hardener container should be poured into the base container and the two materials mixed thoroughly, then add the Pigments of desired colour and mix for at least 3 minutes.
Use epoxy thinner if required for dilution.

Standard application

The first coat of **ENIPOXY-ALF 415** should be applied using a good quality medium haired pile brush/airless spray. A minimum film thickness of 30 microns should be applied. This can be increased where specifications demand. Allow base coat to cure (18 hours @ 30°C or 12 hours at 40°C). The topcoat can be applied by medium haired brush/airless spray, at minimum Dry film thickness of 30 microns.

STORAGE

Minimum 18 months in unopened container. Store away from sunlight and preferably below 30ºC.

PACKING

ENIPOXY-ALF 415 is available in 4 & 20 Liter Dual Pack.

Note: -All information is given in good faith on the results gained from experience and tests. However all recommendations of suggestion are made without guarantee since we do not have any control on the site conditions and its uses.

SAFETY

ENIPOXY-ALF 415 is safe, non-toxic, and eco-friendly and presents no health hazard. As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles

***INHALATION*:** Inhalation of vapor or mist should be avoided. Symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency

EYE CONTACT: Flush eyes with water for 15 minutes and call for medical help.

INGESTION: causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce

SKIN CONTACT: Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

Technical Support:

XCHEM Excellence In Chemicals
Ras Al Khaima, UAE
Web: www.xchem.ae

&

Polymertech UK ltd.
CN-07468396
United Kingdom

For further assistance kindly mail us : support@starcoating.in

Marketed By:

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New Delhi-110025, visit us at : www.starcoating.in, E-mail: info@starcoating.in

(ISO 9001;2000)