



NAVIMARE-PX
— MARINE & INDUSTRIAL COATINGS —

NAVI ZINC 85
Zinc Rich Epoxy Primer EZ 303
Catalog No: 303-K-0250

FEATURES

Organic Zinc Rich

- Epoxy base zinc rich primer

Easy Mixing

- Zinc dust is pre-mixed into liquid base

Compatibility With Lesser Surface

Preparation

- Excellent for adhesion to surfaces cleaned to commercial blast

Repair Of Existing Zinc Rich Coatings

- An excellent product for repair of zinc rich coatings or deteriorated galvanized steel surfaces

RECOMMENDED USES

NAVIZINC 85 Organic Epoxy Zinc Rich Metal Primer is specifically formulated to provide excellent adhesion combined with sacrificial protection to steel surfaces where surface preparation may be less than the ultimate, or where repair of aged zinc rich or galvanized steel surfaces is required.

NAVIZINC 85 Primer is an ideal zinc rich primer because of its;

- Pre-mixed zinc dust
- Ease of application
- Excellent adhesion
- Wide compatibility

SPECIFICATION DATA

Colors	: Gray, green
Density (20°C de)	: 2,34±0,2 Kg/Lt.
Packaging	: 33 Kg. kits (30 Kg. Base / 3 Kg Hardener)
Gloss	: Flat
Flash Point	: 27 °C Setaflash
Thinner	: T-10 Thinner.
Pot Life	: At 25° C 4-5 hours
Shelf Life	: More than a year
VOC	: 282 gr/lit.
Temp. Resistance	: 121° C dry
Induction time	: 15 mins at 25°C
Volume Solids	: 78 %
Theoretical Spreading Rate	: 31 m ² /lt. 25 mic. DFT (Approximately 0,350 Kg/m ² , 75 mic DFT)
Recommended Film Thickness	: Wet Film 56-125 mic. Dry Film : 50-100 mic.
Application Method	: Airless spray, brush
Drying Time	: At 20° C 50 mic DFT To handle: 2 -3 hours Full service: 7 days To recoat: 10 hours

APPLICATION GUIDE

Surface Preparation

Prior to abrasive blasting, remove all grease, oil, salts and moisture. Round off rough welds and sharp edges and remove weld spatter. Abrasive blast to a commercial blast in accordance with Swedish Standard Sa2. The blast profile should be between 37.5 to 62.5 microns. After blasting, vacuum or blow off all abrasive dust and ensure the surface remains clean before painting.

Mixing and Thinning

Navizinc 85 Primer is supplied in kits which contain the proper ratio of ingredients. The entire contents of each container must be mixed together.

The zinc metal is ready mixed in the base portion. Stir thoroughly with a slow speed mixer while slowly adding the liquid component. Continue to mix at slow speed to a homogenous condition.

At temperatures lower than 16°C, allow a 15 minute induction time before using. Add about 10 minutes for each 6°C lower temperature.

Thinning is not normally required or desirable, however, at extreme environmental conditions, up to 10% T-10 Thinner can be added to the mixed components depending on local VOC and air quality regulations. The pot life, 8 hours at 25°C, will be no longer at lower temperatures and shorter at higher temperatures.

Application

Brush and roller Use primarily for touch-up and repair.

Air spray: Use an agitated spray pot, Graco 222-230 or equivalent

Spray gun Similar to Graco #800

Fluid tip .070" or larger

Air cap Similar to Graco 04Z

Fluid hose Minimum ½" ID and maximum length 15 m.

Airless spray: Graco 30:1 Bulldog Zinc Rig

Tip size .021" to .025"

Fluid hose 3/8" ID and maximum length 15 m.

A longer hose length may require an increase in pump ratio.

Pressure pots or pumps should be at the same level or above the spray guns. Keep fluid pressures to a minimum.

Care should be taken to insure that proper film thicknesses are applied. Organic zinc coatings hide at very low film thickness.

Navizinc 85 Primer can be self recoated.

Precautions

Refer to material safety data sheet of the product. Additional safety information is available upon request.

Minimum safety precautions in dealing with the paints are;

- Take precaution to avoid skin and eye contact (i.e. gloves, goggles, face mask, barrier creams, etc.)
- Provide adequate ventilation
- If the product comes in contact with the skin, wash thoroughly with lukewarm water and soap or suitable industrial cleaner. If the eyes are contaminated flush with water (minimum 10 minutes) and obtain medical attention at once.
- Since these products contain flammable materials, keep away from sparks and open flames. No smoking should be permitted in the area.

Observe all precautionary notices on containers.

Disclaimer

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