



NAVIMARE-PX
— MARINE & INDUSTRIAL COATINGS —

Navi- Clad 182

Splash Zone Barrier Coating_Putty

Katalog No: 182-K-XXXX

FEATURES

- Formulated for application and cure underwater in fresh or salt water
- 100% Solids epoxy
- Excellent cathodic disbondment resistance
- Excellent water resistance
- Effective corrosion barrier
- Excellent chemical and solvent resistance

RECOMMENDED USES

A special polyamide epoxy mastic for use on those areas of marine structures and pipelines which cannot be maintained effectively with conventional coatings or cathodic protection.

- Repair underwater pipe
- Repair underwater pilings and bracings
- Repair water line structures and retaining walls

Many years of service around the world confirm the effectiveness of this product as a corrosion barrier.

SPESIFICATION DATA

Color	:	Aluminum Gray 182-K-2000 and geen or catalog numbers
Density (20°C de)	:	d _A =1,78 d _B =1.374 (d _{A+B} =1.60 Kg/Lt.)
Packing	:	Approx 31.50 kg. Net. or 20 Lt 2 Component 10/10 Lt (A/B=1/1) in metal buckets
Gloss	:	Semi Gloss
Flash Point	:	>25 °C in mixture. Setaflash
Thinner for cleaning	:	Navi- T-10 Thinner
Pot Life	:	1 hours at (25°C)
Shelf life	:	More than 1 year
VOC	:	1 gr/lit.
Volume solid	:	%100
Temperature resistans	:	163° C Dry 82 °C wet
Theoretical coverage	:	10 m²/1 Lt. 100 mic. DFT (100 mic . DFT)
Recommended application Thickness	:	6,250 micron. 250 mils 0,16 m²/Lt at 250 mils
Method of application	:	Hand smear , trowel or with membrane
Kuruma Zamanı	:	Touch dry 3 Hrs. / Recoating: 24 Hrs. Fully Dry: 24 Hrs.

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Application Guide

Surface Preparation

Surfaces should be sandblasted to remove rust, scale, old coating and barnacles. Sandblasting can be done with conventional equipment below the water as well as above. Wet abrasive blasting and power tool cleaning can be used as long as a deep profile is created, and old rust scale is removed.

Mixing and Thinning

NAVİ-Clad 182 Coating is supplied as two components. Mix both components together by hand until a uniform gray color is obtained with no streaks. Avoid over-mixing after the gray color is achieved as over-mixing will shorten the pot life.

Note: The applicator should wear a life jacket and a skin diver's wet suit. Further, the applicator should be secured to the platform with a lifeline. This type of equipment provides for safety, gives buoyancy and warmth, and also protects from abrasions and cuts from barnacles.

Application

NAVİ-Clad 182 Coating may be applied by hand smearing to a thickness of 1/8 (3 mm) to 1/4 inch (6 mm) for long-term protection. Best results in manual application can be obtained by applying a ring or doughnut of the material to structural members above the water level and then smearing it down uniformly to, and below, the water level, making an effort to feather edge the top and bottom to the member. The applicator's hands should be kept wet at all time so that the material can be molded like putty to the structure. A little more effort is needed to keep the material in place as it is applied below the water level; this calls for patience in holding and working the product.

An alternate method of application to tubular members consists of carrying the product on to the surface with a membrane such as fiberglass cloth or canvas ducking. This method is preferred where wave action and/or currents make hand smearing impractical. The membrane should be cut in strips 2 inches longer than the pipe circumference. Hand smear the mixed coating to the membrane, wrap, and tie to the surface. The coated side of the membrane should be pressed carefully against the surface to displace water. When coating small diameter pipes, it is recommended that 4 (10 cm) or 6 inch (15 cm) fiberglass tape be used as the membrane. After coating, this can be spiraled on and tied to the surface.

It is sometimes helpful and desirable, especially in rough water, to apply a spiral wrap of polyethylene, glass fiber, burlap, cheesecloth, or other similar material over the freshly applied coating to help hold the coating in place during the initial curing operation. To achieve the optimum thickness of 1/8(3mm) to 1/4 inch (6 mm), the coverage per gallon should not exceed 6. (0,5 m²/Lt.) to 12 square feet (0,95 m²/Lt). A two-person crew can apply one gallon (3,785 Lt.) of mixed material in approximately 30 minutes. Navi-Clad 182 is %100 solid coatings and contains no flammable solvents.

Precaution

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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