



NAVIMARE-PX
— MARINE & INDUSTRIAL COATINGS —

NAVITAN FINISH 3365

Polyurethane Acrylic PU coating

365-K-XXXX

FEATURES

Navitan Finish 3365 is a semigloss acrylic polyurethane finishing coat for marine- and industrial conditions. The product provides excellent durability and offers good gloss and colour retention. Resistant against spillage of hydrocarbons, oils and lubricants. Good recoating properties even after prolonged atmospheric exposure.

RECOMMENDED USES

Navitan PU Finish 3365 is used as a finishing coat for marine- and industrial conditions.

SPECIFICATION DATA

Coating type :	: Acrylic urethane
Density (at 20°C)	: 1.4±0,05 Kg/Lt.
Packaging	: 22,5 Kg/2,5 Kg
Gloss:	: Semi-Gloss
Flash Point:	: 24 °C
Thinner	: T-9 Thinner
Pot Life (23° C)	: 4Hrs.
Shelf life	: More than 12 months, store in a cool and dry place.
VOC	: 420 g/lit
Volume solid	: % 52
Theoretical spreading rate	: 10,4 m ² /l at 50 µm DFT
Recommended application thickness	: 95 µm WFT corresponding to 50 µm DFT
Application method	: Airless spray, brush or roller - trowel
Drying time (23 ° C)	: Touch Dry. : 1 Hrs Dry To handle: 4 Hrs Full Cure : 5 Days Dry to recoat. : 6 Hrs

APPLICATION PROPERTIES

Surface preparation

Surface should be clean and free of dirt, wax grease and oil, and all other impurities and primed with a proper primer. For best results, surface problems after application, like overspray, orange peel etc. should be eliminated and appropriate primer and intermediate layer should be applied properly.

Mixing and thinning

Navitan Finish 3365 is packaged in the proper mixing ratio of base and hardener. First, stir the base component with a power mixer until a smooth, homogenous mixture is obtained. Keep stirring and add the curing agent slowly. When hardener is completely poured, keep stirring for 15 more minutes. Pot life of the mixture is 4 hours at 23°C. Pot life shortens at higher environmental temperatures and can be longer at lower temperatures. Normally thinning of Navitan Finish 3365 is not required or desired, the excess solvent has a bad influence on application and appearance. However at extreme environmental conditions, small amounts (%5 or less by volume) T-9 thinner could be added. Small amount of T-9 thinner makes brush and roller application easier. Any solvent addition should be made after the two components are thoroughly mixed.

Application

Trowel method: (Recommended for floor coating)

- The mixture is spread on the surface at desired thickness and levelled with a trowel.

Airless spray method:

- Graco Bulldog minimum 30:1 pump ratio airless spray equipment is recommended .
 - Airless spray fluid tip orifice should be between 0.015 " -0.019", liquid pressure around 155-160 Kg/cm².
 - Liquid-Coat hose having inner radius minimum of 3/8", length maximum 15 m. For longer hoses, inner radius should have higher values. Long hoses with lower inner radius reduce the coating pressure at the tip of the spray and causes poor spray pattern. Pressure rate of the pump has to be increased. All equipment should be handled dry.
- During touch-Up, Navitan 3365 could be applied with brush (good quality and new) or roller (short feather and new). To have the desired and homogenous coating film maximum care should be taken. Do not apply on wet surface or surfaces with condensation or fog potential having high environmental humidity.

Precaution

Refer to material safety data sheet of the product. Minimum safety precautions in dealing with the paint are:

- Take precaution to avoid skin and eye contact. (i.e goggles, gloves, face mask, barrier creams, etc.
- If the products come 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.
- Provide adequate ventilation, applicators must use face masks.

Note

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