



A two-component, silicone resin based antifouling coating for deep sea and coastal vessels with excellent foul-release type antifouling ability to algae, barnacles, various sea weeds and broad range of marine fouling organisms. It has no color change, film degradation in service life and does not have any toxic raw material such as organotin, cuprous oxide, etc. Therefore it has no negative effects on marine environment.

Recommended use	Where long life service of antifouling property required, or hull outside of new building or repair ship operating the area where organotin compounds are banned or restricted.
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Physical Properties

Finish and Color	Medium gross. L/Grey, Red brown * For other colors, consult with KCC.
Specific gravity	Approx. 1 Kg/L for Mixture of Base and Curing agent.
Solids by volume	Approx. 60% (Determined by ISO 3233)
Spreading rate (Theoretical)	4m ² /L in 150 microns dry film thickness on a smooth surface.
Flash point	Base (A/F100 PTA) : 27°C/80.6°F (Closed cup) Curing Agent (A/F100 PTB) : 27°C/80.6°F (Closed cup)

Application details

Surface preparation	Remove any oil, grease, dirt and any other contaminants from the surface before painting by proper method such as solvent cleaning and fresh water washing, etc.			
Method of application	Spray (Airless or Air) application. For airless spray application : Nozzle orifice : 533μm ~ 889μm (0.021" ~ 0.035") Output pressure : 20.3MPa ~ 25.5MPa Fan : 50° Clean tools thoroughly before and immediately after use with Thinner No. 002. * The applying condition may be varied according to ship's state. Consult KCC before using.			
Mixing	Base(Part A) : Curing Agent(Part B) = 7 : 1 (by volume) Mix thoroughly together prior to application in the proportions with power agitator as delivered.			
Thinning	Thinner No. 002 Do not dilute components separately.			
Application conditions	The surface must be completely cleaned and dried. Do not apply when relative humidity is above 85%. The Surface temperature must be at least 2.7°C (5°F) above dew point to prevent condensation. In confined areas, ventilate with clean air during application to assist solvent evaporation.			
Film thickness	150 microns dry.			
Drying time		5°C/41°F	20°C/68°F	30°C/86°F
	Set to touch	6 hours	3 hours	2 hour
	Dry through	28 hours	20 hours	16 hours

	* The actual drying time is subject to the film thickness, ventilation, humidity etc. and drying time under other temperature conditions must be checked and informed from us.
Subsequent Coat	Lo-Frick T200 or according to specification. * The applying condition may be varied according to ship's state. Consult KCC before using.
Pot life	1.5 hours at 20°C/68°F, 1.0 hours at 30°C/86°F
Recoating interval	At 20°C/68°F, Minimum : 13 hours Maximum : Free Prior to overcoating, remove the oil, salts, chalking materials and any other contaminants on aged coating film completely by proper cleaning method such as solvent cleaning and/or fresh water washing.

Storage and package

Shelf life	6 months
Packing Unit	16ℓ (A/F100 PTA : 14ℓ, A/F100 PTB : 2ℓ)

Remarks

Note	Protect skin and eyes, and avoid prolonged breathing of solvent vapors. Use with adequate ventilation. Respiratory protection is recommended when applying this material in confined spaces or stagnant air.
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Disclaimer : The information in this data sheet is believed to the best of our knowledge based on laboratory test and practical experience. However, there are many factors affecting the performance of product and the product quality itself, so we are not able to guarantee without the confirmation of the purpose of using the product from us in writing. We reserve the right to change the data without notice and you should check that this data sheet is current prior to using the product.

