



Seacare A/F7830

Product Description A high-performance, self-polishing, and revolutionary developed TBT-free antifouling paint. This product ensures maximum protection for any type of oceangoing and coastal vessels under broad range of marine fouling organisms with its unique formation, and guarantees no effect on the marine environment.
Culmination of years of research and development into the correct TBT-free solution and proven field experiences enable KCC to provide the right choice of protection of the vessels to the customers. Seacare A/F7830 is in compliance with IMO Anti-fouling System Convention (AFS/CONF/26).

Recommended Use Where long life service of anti-fouling property to be required.
Hull outside of newbuilding or repair ship operating the area where organotin compounds are banned or restricted.

Physical Properties

Finish and Color	Flat. Red Brown, Dark Brown, etc.
Specific Gravity	Approx. 1.8
Solids by Volume	Approx. 65 % (Determined by ISO 3233)
Theoretical Spreading Rate	5.2 m ² /L in 125 μm dry film thickness on a smooth surface.
Flash Point	26 °C /79 °F (Closed cup)
VOC	Max. 390g/L (Determined by ISO 11890-1)

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.
Preceding Coat	Korabor Aluminum H.B RH248, Korepox H.B. EH2560 or according to specification.
Application Method	Spray (Airless or Air), Roller or Brush application. For airless spray application ; Nozzle orifice : 635 μm ~ 787 μm (0.025" ~ 0.031") Output pressure : 20.7 MPa ~ 27.1 MPa Fan : 60 ° (Airless spray data are indicative and subject to adjustment)
Mixing	One-component
Thinning	Thinner No. 002 Recommended thinning ratio : Max. 5% (by volume) Please consult the KCC TSD for advice in severe conditions

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.



Seacare A/F7830

Application Conditions The surface should be adequately clean and dry. Do not apply when relative humidity is above 85 %. The surface temperature should be at least 3 °C (5 °F) above dew point to prevent condensation. In confined areas, ventilate with clean air during application to assist solvent evaporation.

Typical Film Thickness 100 ~ 150 μm dry.
Two (2) or three (3) coats are recommended with different color of consecutive coats. May be specified in another film thickness than indicated depending on purpose and the area.
This will alter spreading rate and may influence drying time and recoating interval.

Drying Time	Substrate temperature	5 °C/41 °F	20 °C/68 °F	30 °C/86 °F
	Set to touch	8 h	2 h	2 h
Dry through	18 h	6 h	4 h	

* These are the results from laboratory tests done under standardized conditions. Thus, actual times may be different due to environment situations such as weather, wind and humidity, etc

Subsequent Coat According to specification

Pot Life One-component

Recoating Interval At 20 °C/68 °F, Minimum : 6 h
Maximum : Free

Prior to overcoating, remove the oil, salt, chalking material and any other contaminants on aged coating film completely by proper cleaning method such as solvent cleaning and/or fresh water washing.

Heat Resistance No data.

Storage and package

Shelf Life 12 months (at 23 °C)

Standard Packing Unit 15 L, 18 L

Remarks

Note Do not store at temperature below 5 °C/41 °F or above 40 °C/104 °F.
Avoid contact with skin and inhalation of paint mist or solvent vapor.
In case of eye contact, the eyes should be rinsed immediately by fresh water continuously for at least 15 minutes. Doctor's advice is recommended.
In case of skin contact, the exposed area should be cleansed thoroughly with soap and water.
Contaminated clothing should be removed and laundered with soap and water before reuse.
In case of ingestion, swallow promptly a large quantity of milk, egg white or gelatin as a first aid. (If these are not available, drink a large quantity of water instead.) And obtain immediate medical attention.

Issued April 2021

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.