



Kovinyl Sealer VH137AL

Product Description An aluminum pigmented vinyl paint designed for high build application and sealer between A/C paint and antifouling paints. It provides a tough and high-build film with excellent water repellent properties. It is a quick drying type coatings and resistant against salt water and cold flow, but limited resistance against aromatic solvents, e.g. xylene and toluene. It can be applied to grain cargo hold with its harmless property.

Recommended Use For the protection and maintenance of permanently submerged steel and of steel surfaces not exposed to sunlight, e.g. ship's bottom, offshore structure, etc.
As an intermediate coat on ship's hulls and other steel structures in medium to severe corrosive environments.

Physical Properties

Finish and Color Flat. Aluminum light (9191), Aluminum dark (9188)

Drying Time	Substrate temperature	5 °C/41 °F	20 °C/68 °F	30 °C/86 °F
	Set to touch	4 h	1 h	30 minutes
	Dry through	18 h	6 h	4 h

* The actual drying time is subject to the film thickness, ventilation, humidity etc., and drying time under other temperature conditions should be checked and informed by KCC.

Solids by Volume Approx. 37 % (Determined by ISO 3233)

Theoretical Spreading Rate 4.93 m²/L in 75 μm dry film thickness on a smooth surface.

Specific Gravity Approx. 1.2

Flash Point 22 °C/72 °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.
*Steel : Blast cleaning to Sa2.5 or Power tool cleaning to St3, etc.

Application Conditions The surface should be cleaned and dried completely. Do not apply when relative humidity is above 85 %. The surface temperatures should 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.

Preceding coat Kovitar H.B. VH137, Korepotar H.B. EH173S, Korepox H.S. EH4158H, or according to specification.

Thinning Thinner No. 025

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.

KCC Corporation

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Application	Spray (Airless or Air), Roller or Brush application.
Method	For airless application ; Nozzle orifice : 533 μm ~ 635 μm (0.021" ~ 0.025") Output pressure : 20.3 MPa ~ 25.5 MPa Fan : 60 ° (Airless spray data are indicative and subject to adjustment)
Typical Film Thickness	75 μm dry. Depending on the purpose and the area of use, different film thickness may be applied.
Recoating Interval	At 20 °C/68 °F, Minimum : 4 h Maximum : Free Before overcoating, remove the oil, salt, chalking material and any other contaminants on aged coating film completely by proper cleaning methods such as solvent cleaning and/or fresh water washing.
Subsequent Coat	Seacare A/F795 series, Seacare A/F7950 series, Seacare A/F7830 series or according to specification
Shelf Life	12 months
Heat Resistance	Continuous : 66 °C/147 °F (Non-immersion service) Non-continuous : 82 °C/180 °F (Non-immersion service)
Standard Packing Unit	18 L, 20 L
Remarks	Protect skin and eyes from direct contact with liquid paint, and avoid prolonged breathing of solvent vapors. Use with adequate ventilation. Respiratory protection is recommended during application in confined spaces or stagnant air. Keep away from sparks and open flames. Store indoors at 5 °C/41 °F to 40 °C/104 °F.
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