



Kovynyl H.B. VH232

Product Description	A vinyl based paint that can be applied in a high-solid film without sagging. It is designed to reduce the number of coats in long-life Kovynyl systems. It forms tough and flexible film with hard wearing and very good resistance to corrosive fumes, splash and spillage, sea-water and weathering.
Recommended Use	As a high-build intermediate coating in Kovynyl system on exterior steelwork in severely corrosive environment, including marine and polluted industrial atmosphere.

Physical Properties

Finish and Color	Flat. Grey (1107)
Drying Time	At 20 °C/68 °F, Set to touch : 2 h Dry through : 8 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. 27 % (Determined by ISO 3233)
Theoretical Spreading Rate	3.60 m ² /L in 75 µm dry film thickness on a smooth surface.
Specific Gravity	Approx. 1.20
Flash Point	30 °C/86 °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 temperature 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	Kovynyl Primer VP136, Galvany IZ180N, or according to specification.
Thinning	Thinner No. 025 Thinning normally not necessary for brush application and airless spray.

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.



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Application Spray (Airless or Air), Roller or blush application.

Method For airless spray application ;
Nozzle orifice : 483 μm ~ 656 μm (0.019" ~ 0.026")
Output pressure : 17.2 MPa ~ 18.6 MPa
Fan : 40 ° ~ 60 °
(Airless spray data are indicative and subject to adjustment)

Typical 75 μm dry.

Film Thickness May be specified in another film thickness than indicated depending on purpose and area of use.

Recoating Interval At 20 °C / 68 °F, Minimum : 8 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.

Subsequent Coat Kovynyl Enamel VT536 or according to specification.

Shelf Life 12 months

Heat Resistance Continuous : 60 °C / 140 °F (Non-immersion service)
Non-continuous : 80 °C / 176 °F (Non-immersion service)

Chemical Resistance

	Acids	Alkalies	Solvents	Salts	Water
Splash & Spillage	Good	Fair	Poor	Good	Excellent
Fumes	Good	Good	Fair	Excellent	Excellent
Immersion	Fair	Fair	Poor	Good	Good

Standard Packing Unit 18 L

Remarks Do not store at temperature below 5 °C / 41 °F or above 40 °C / 104 °F.
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 when applying this product in confined spaces or stagnant air.

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