



## Korepox H.B. EH2560 (Two-component)

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|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | A two-component, vinyl modified epoxy resin based sealer coat. It provides tough and high build film with excellent resistance to sea water.<br>Owing to its excellent compatibility with various coats such as epoxy, urethane, chlorinated rubber, acrylic and self polishing copolymer anti-fouling paint. |
| <b>Recommended Use</b>     | As a sealer coating for the hull outside of marine vessels.<br>No tar bleeding phenomenon occurs onto subsequent coats.                                                                                                                                                                                       |

### Physical Properties

|                                   |                                                                                                        |
|-----------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Finish and Color</b>           | Flat. Light Aluminum, Yellow Light Aluminum                                                            |
| <b>Specific Gravity</b>           | Approx. 1.3 for Mixture of Base and Curing agent.                                                      |
| <b>Solids by Volume</b>           | Approx. 50 % (Determined by ISO 3233)                                                                  |
| <b>Theoretical Spreading Rate</b> | 5.0 m <sup>2</sup> /L in 100 μm dry film thickness on a smooth surface.                                |
| <b>Flash Point</b>                | Base ( EH2560-A ) : 25 °C/77 °F (Closed cup)<br>Curing Agent ( EH2560-B ) : 26 °C/78.8 °F (Closed cup) |
| <b>VOC</b>                        | Max. 434g/L (Determined by ISO 11890-1)                                                                |

### Application Details

|                            |                                                                                                                                                                                                                                                                       |
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| <b>Surface Preparation</b> | 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.                                                                                                      |
| <b>Preceding Coat</b>      | Korepox EH2350, Korepox EH2351, Korepox EH2352 etc., or according to specification.                                                                                                                                                                                   |
| <b>Application Method</b>  | Spray (Airless or Air), Roller or Brush application.<br>For airless spray application ;<br>Nozzle orifice : 483 μm ~ 635 μm (0.019" ~ 0.025")<br>Output pressure : 11.7 MPa ~ 15.2 MPa<br>Fan : 60 °<br>(Airless spray data are indicative and subject to adjustment) |
| <b>Mixing</b>              | Base (Part A) : Curing Agent (Part B) = 5 : 1 (by volume)<br>Mix thoroughly together prior to application in the proportions with power agitator as delivered.                                                                                                        |
| <b>Thinning</b>            | Product Name : Thinner No. 024 or Other thinner approved by KCC<br>Thinning Ratio : Max. 5% (by volume)<br>* Do not dilute each component separately                                                                                                                  |

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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| <b>Application Conditions</b> | 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.        |                       |             |             |             |              |     |     |     |             |      |      |      |                                                                                                                                                                                             |  |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------|-------------|-------------|--------------|-----|-----|-----|-------------|------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Typical Film Thickness</b> | 100 µm dry.<br>Depending on the purpose and the area of use, different film thickness may be applied.                                                                                                                                                                                                   |                       |             |             |             |              |     |     |     |             |      |      |      |                                                                                                                                                                                             |  |
| <b>Drying Time</b>            | <table><tr><th>Substrate temperature</th><th>5 °C/41 °F</th><th>20 °C/68 °F</th><th>30 °C/86 °F</th></tr><tr><td>Set to touch</td><td>1 h</td><td>1 h</td><td>1 h</td></tr><tr><td>Dry through</td><td>24 h</td><td>12 h</td><td>10 h</td></tr></table>                                                 | Substrate temperature | 5 °C/41 °F  | 20 °C/68 °F | 30 °C/86 °F | Set to touch | 1 h | 1 h | 1 h | Dry through | 24 h | 12 h | 10 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 |  |
| Substrate temperature         | 5 °C/41 °F                                                                                                                                                                                                                                                                                              | 20 °C/68 °F           | 30 °C/86 °F |             |             |              |     |     |     |             |      |      |      |                                                                                                                                                                                             |  |
| Set to touch                  | 1 h                                                                                                                                                                                                                                                                                                     | 1 h                   | 1 h         |             |             |              |     |     |     |             |      |      |      |                                                                                                                                                                                             |  |
| Dry through                   | 24 h                                                                                                                                                                                                                                                                                                    | 12 h                  | 10 h        |             |             |              |     |     |     |             |      |      |      |                                                                                                                                                                                             |  |
| <b>Subsequent Coat</b>        | Korepox Topcoat H.B. ET5740, Korepox Topcoat H.B. ET5745, Seacare A/F795 Series, Seablue A/F783 Series, EgisPacific Series or according to specification.<br>Korabor system, Korethan system and A/F series should be over coated within 5 d.                                                           |                       |             |             |             |              |     |     |     |             |      |      |      |                                                                                                                                                                                             |  |
| <b>Pot Life</b>               | 6 h at 20 °C/68 °F                                                                                                                                                                                                                                                                                      |                       |             |             |             |              |     |     |     |             |      |      |      |                                                                                                                                                                                             |  |
| <b>Recoating Interval</b>     | At 20 °C/68 °F, Minimum : 6 h<br>Maximum : 5 d over EH2350, etc.<br>10 d over EH2351, etc.<br><br>Before 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. |                       |             |             |             |              |     |     |     |             |      |      |      |                                                                                                                                                                                             |  |
| <b>Heat Resistance</b>        | Continuous : 93 °C/200 °F (Non-immersion service)<br>Non-continuous : 121 °C/250 °F (Non-immersion service)                                                                                                                                                                                             |                       |             |             |             |              |     |     |     |             |      |      |      |                                                                                                                                                                                             |  |

### Storage and package

|                              |                                                                                                                                                                                    |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Shelf Life</b>            | EH2560-A (Part A, Base) : 12 months (at 23 °C)<br>EH2560-B (Part B, Curing agent) : 24 months (at 23 °C)<br>Store in dry, shaded conditions away from sources of heat and ignition |
| <b>Standard Packing Unit</b> | 15 L (EH2560-A : 12.5 L, EH2560-B : 2.5 L)<br>18 L (EH2560-A : 15.0 L, EH2560-B : 3.0 L)                                                                                           |

### Remarks

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <b>Note</b>   | Do not store at temperature below 5 °C/41 °F or above 40 °C/104 °F.<br>Protect skin and eyes from direct contact with liquid paint, and avoid prolonged breathing of solvent vapors. Use with adequate ventilation.<br>Adequate ventilation with clean air should be maintained during application and curing to assist solvent evaporation.<br>Respiratory protection is recommended when applying this product in confined spaces or stagnant air. |
| <b>Issued</b> | April 2021                                                                                                                                                                                                                                                                                                                                                                                                                                           |