



KOREPOX ET5775 is a two-component, epoxy resin based paint, which effectively reduces corrosion of the concrete and pollution of the interior concrete tank. Also, it forms hard and high gloss film with excellent adhesion and resistance to water. It may be used in contact with food products and for fresh (potable) water tank in accordance with FDA regulation, section 175.300.

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| <b>Recommended use</b> | As a finishing coat for interior of the concrete tank for potable water such as an apartment, a factory, etc. |
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### Physical Properties

|                                     |                                                                                                        |
|-------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Finish and Color</b>             | Gloss. Blue, Grey                                                                                      |
| <b>Specific gravity</b>             | Approx. 1.1 ~ 1.3 for Mixture of Base and Curing agent.                                                |
| <b>Solids by volume</b>             | Approx. 98 % (Determined by ISO 3233)                                                                  |
| <b>Spreading rate (Theoretical)</b> | 9.8 m <sup>2</sup> /L in 100 μm dry film thickness on a smooth surface.                                |
| <b>Flash point</b>                  | Base (ET5775-A) : 51 °C / 124 °F (Closed cup)<br>Curing Agent (ET5775-B) : 40 °C / 104 °F (Closed cup) |

### Application details

|                               |                                                                                                                                                                                                                                                                                             |              |               |               |
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| <b>Surface preparation</b>    | Remove oil and other contaminants with fresh water from the surface to be coated.<br>Concrete : Must be cured at least 28 days at 20°C/68°F and below 50%RH.<br>The laitance and other impurities of surface must be removed by grinding or abrasive blasting.                              |              |               |               |
| <b>Preceding coat</b>         | KOREPOX PRIMER EP1775 or according to specification                                                                                                                                                                                                                                         |              |               |               |
| <b>Method of application</b>  | Roller, Brush application. For application on the damp concrete, use brush or roller application.                                                                                                                                                                                           |              |               |               |
| <b>Mixing</b>                 | Base (ET5775-A) : Curing agent (ET5775-B) = 8.6 : 3.4 (by volume).<br>Mix separately, then combine together and mix thoroughly prior to application in proportions as delivered.                                                                                                            |              |               |               |
| <b>Thinning</b>               | None. Thinner No. TH0375 Max 5% or Other thinner approved by KCC (if necessary).<br>Do not dilute components separately, only the mixture.                                                                                                                                                  |              |               |               |
| <b>Application conditions</b> | Preferred temperature during application is 10°C/50°F ~ 30°C/86°F, relative humidity below 85%.<br>When a relative humidity is above 85%, the drying time may be delayed                                                                                                                    |              |               |               |
| <b>Film thickness</b>         | Recommended per coat 100 microns dry. (Total : 200 microns dry film thickness is recommendable).<br>May be specified in another film thickness than indicated depending on purpose and area of use.<br>This will alter spreading rate and may influence drying time and recoating interval. |              |               |               |
| <b>Drying time</b>            | Substrate temperature                                                                                                                                                                                                                                                                       | 5 °C / 41 °F | 20 °C / 68 °F | 30 °C / 86 °F |
|                               | Set to touch                                                                                                                                                                                                                                                                                | 8 h          | 4 h           | 2 h           |
|                               | Dry through                                                                                                                                                                                                                                                                                 | 48 h         | 24 h          | 16 h          |
|                               | Fully cured                                                                                                                                                                                                                                                                                 | 14 d         | 7 d           | 5 d           |

|                           |                                                                                                                                                                                                                                                                                        |
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|                           | <ul style="list-style-type: none"> <li>* 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.</li> <li>* The water can put in after fully curing.</li> </ul> |
| <b>Pot life</b>           | At 20°C / 68°F, 50 min                                                                                                                                                                                                                                                                 |
| <b>Recoating interval</b> | At 20 °C/68 °F, Minimum : 24 h<br>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.                                              |

| <b>Storage and package</b> |                                                                                                                                                  |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Shelf life</b>          | 12 months (25°C)                                                                                                                                 |
| <b>Storage</b>             | <ul style="list-style-type: none"> <li>* Store in cool, dry, well-ventilated place</li> <li>* Do not avoid humidity and direct light.</li> </ul> |
| <b>Packing Unit</b>        | 12.0 L (ET5775-A : ET5775-B = 8.6 L : 3.4 L)                                                                                                     |

| <b>Remarks</b>    |                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| <b>Note</b>       | <ul style="list-style-type: none"> <li>* Protect skin and eyes from direct contact with liquid paint, and avoid prolonged breathing of solvent vapors.</li> <li>* Use with adequate ventilation.</li> <li>* Respiratory protection is recommended when applying this product in confined spaces or stagnant air.</li> <li>* Note that the paint performance may be changed when exposed to high temperature.</li> </ul> |
| <b>1'st issue</b> | 2012-01-01                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Revision</b>   | 2026-02-02                                                                                                                                                                                                                                                                                                                                                                                                              |

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.

