

EPOCOAT HARDENER PRIMER CLEAR

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EPOCOAT HARDENER PRIMER CLEAR, mainly composed of polyamide epoxy resin, has excellent penetration and adhesion with hardener floor.

## Usage

Hardened floor such as hardener and color concrete, etc.

## Application Procedure

<b>Procedure</b>	<ol style="list-style-type: none"><li>1. Surface Preparation Prepare the surface free from any loose cement, dust, oil, moisture and other contaminants.</li><li>2. Environmental conditions Air temperature : 5~35°C Relative humidity : up to 80% Surface moisture content : under 6% The surface temperature must be at least 3°C above the dew point to prevent moisture condensation</li><li>3. Application Equipment Brush, roller and spray</li></ol>
<b>Caution for usage</b>	<ol style="list-style-type: none"><li>1) Avoid applying paint on rainy days, high humidity(over 80%), low temperature(below 5 °C), and high temperature(over 40 °C surface temperature). (Coating film crack, adhesion failure, bubbles may occur)</li><li>2) Allow the surface to dry thoroughly(Relative humidity 80% or less at 25 °C, curing for more than 28 days)</li><li>3) Completely remove Laitance, dust, oil and other contaminants on the surface of the substrate (sand blasting, DIAMOND WHEEL GRINDING or 10% HCL pickling)</li><li>4) In case of high strength concrete (260 kgf/㎡ or more), it may cause defective adhesion during grinding process. Therefore, perform surface treatment by blasting method and check the adhesion performance.</li><li>5) Suitable pH value of substrate surface is 7 ~ 9 (Parallel water content less than 6%).</li><li>6) After filling the gap, grooves, cracks, etc. with epoxy putty after V-CUTTING, polish and apply after surface treatment.</li><li>7) V-CUTTING the edges of the contact area with the wall.</li><li>8) Use masking tape to prevent contamination outside the coating area.</li><li>9) Do not use the product by heating or mixing with other paint.</li><li>10) Please keep the recommended coating interval for repainting time.</li><li>11) Consider that the actual requirements may vary depending on the substrate condition, coating method and coating conditions.</li><li>12) The diluent should be recommended diluent, and excessive dilution should be avoided as it affects the flow phenomenon, workability and general properties.</li><li>13) Repair coating on the previous coat and old coat Please do a test coat before painting (if there is no adhesion).</li><li>14) There is a risk of fire due to static electricity and sparks during brush or roller work on high temperature or low humidity day. It is recommended to apply paint in the morning or late afternoon when the temperature is low, Please use.</li><li>15) In case of 2-liquid type paint, use the electric stirrer for 3 ~ 4 minutes at the specified ratio, and gel phenomenon will occur when the pot life is over. Please note that if you do not use the power mixer, it will not mix uniformly and will not dry out.</li><li>16) If thick film is applied on the substrate surface or if the film is thick due to falling down on the bottom surface when painting on the wall, paint film will be boiled so that it will not become a coating film.</li><li>17) If the undercoat is exposed to moisture (condensation of rain, snow, dew or water), it may cause poor adhesion with the intermediate. Therefore, dilute the Epocoat Hardener Primer Clear and apply as thin as possible.</li><li>18) Be sure to apply when adhesion is good after sample test.</li><li>19) It is recommended to use after surface treatment (ex: sanding, grinding) to secure adhesion.</li><li>20) If the maximum subsequent paintable time has elapsed, proper surface treatment is required since the adhesion of the top coat may occur.</li><li>21) After work, clean all painting tools with designated cleaner.</li><li>22) Since this product is a chemical product, deterioration may occur during long-term storage. Please refer to our customer center for the products that have passed this period.</li></ol>
<b>Caution for handling</b>	<ol style="list-style-type: none"><li>1) Do not use any other purpose.</li><li>2) Keep out of reach of infants and children. Do not apply to infants, children's equipment or food storage containers.</li><li>3) Since this product is a flammable material, avoid access to direct sunlight and fire when transporting, storing and handling, and store in a dry, cold place at room temperature (5 ~ 35 °C).</li><li>4) Please keep this product container sealed so that the injection port faces upward.</li><li>5) Avoid skin contact and odor inhalation by wearing protective equipment such as respirator mask, protective gloves,</li></ol>

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	<p>goggles, etc. during work.</p> <p>6) Be careful that the paint does not come into contact with eyes, skin,</p> <p>7) If paint comes in contact with eyes and skin, wash thoroughly with running water and seek medical attention.</p> <p>8) If inhaled or ingested, seek medical advice immediately and follow the medical advice given in the container.</p> <p>9) Avoid work in a confined space, and if you unintentionally paint, ventilate it thoroughly with exhaust system before working.</p> <p>10) The remaining amount of paint after use may cause dry film or stagnation. Please use the full amount immediately after opening.</p> <p>11) When storing the cloth with flammable materials, there is a risk of spontaneous ignition, so be sure to dispose of it in a nonflammable container.</p> <p>12) Dispose of the waste paint through the waste disposal company designated by the Ministry of Environment.</p> <p>13) For other inquiries, please contact our Customer Service Center or refer to the Material Safety Data Sheet (GHS-MSDS), Technical Data, and Coating Specifications published on the website.</p>
<b>Warning</b>	Please refer to the warning in the appendix.
<b>Application system</b>	<p>1. Primer : Epocoat Hardener Primer Clear</p> <p>2. Top coat : New Epocoat 210Plus, Epocoat 5100, Epocoat Lining</p>

## Physical Data

<b>Finish</b>	Gloss	<b>Color</b>	Clear
<b>Applied over</b>	Hardener Floor, Color Concrete	<b>Components</b>	2
<b>Volume Solid</b>	Approximately 28±3%	<b>Recommended Film Thickness</b>	50 μm
<b>Coats</b>	1	<b>Mixing Ratio A : B</b>	1 : 1(Vol)
<b>Dry time(25°C)</b>	Dry hard ; 6hr	<b>Pot life(25°C)</b>	12hr
<b>Recoatible</b>	Within 6~48 hr	<b>Cleaner</b>	Epocoat 1000 Thinner, Thinner 395
<b>Recommended Coverage</b>	5.6 m <sup>2</sup> /L (D.F.T = 50μm)	<b>Diluent Ratio</b>	Don't diluent
<b>Packing Unit</b>	16L[8L/8L], 3.5L[1.75L/1.75L]	<b>Shelf Life</b>	12 months (When stored indoors at 5~35°C)

The information given in this document is based on laboratory tests and on-site application results, but may vary depending on quality improvement and work conditions. 2017/09/07