

EPOCOAT AQUA PRIMER



EPOCOAT AQUA PRIMER, mainly composed of water soluble polyamide epoxy resin, has excellent abrasion, corrosion, chemical, water and oil resistance with superior adhesion making it the perfect primer for concrete facilities.

Usage

Epoxy primer for anti-vibration floorings in chemical plants, offices, restaurants, hospitals, factories, and laboratories

Application Procedure

Procedure	<p>1. Surface Preparation Prepare the surface free from any loose cement, dust, oil, moisture and other contaminants.</p> <p>2. Environmental conditions Air temperature : 10~35°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</p> <p>3. Application Equipment Brush, roller</p>
Caution for usage	<ol style="list-style-type: none"> 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, bubble generation may occur) 2) Allow the surface to dry thoroughly. (Relative humidity 80% or less at 25 °C, curing for more than 28 days) 3) Completely remove Laitance, dust, oil and other contaminants on the surface of the substrate (sand blasting, DIAMOND WHEEL GRINDING or 10% HCL pickling) 4) In case of high strength concrete (260 kgf / cm^2 or more), it may cause defective adhesion during grinding process. Therefore, perform surface treatment by blasting method and check the adhesion performance. 5) Suitable pH value of substrate surface is 7 ~ 9 (Parallel water content less than 6%). 6) After filling the gap, grooves, cracks, etc. with epoxy putty after V-CUTTING, polish and apply after surface treatment. 7) V-CUTTING the edges of the contact area with the wall. 8) Use masking tape to prevent contamination outside the coating area. 9) Do not use the product by heating or mixing with other paint. 10) Please keep the recommended coating interval for repainting time. 11) Consider that the actual requirements may vary depending on the substrate condition, coating method and coating conditions. 12) The diluent should be recommended diluent, and excessive dilution should be avoided as it affects the flow phenomenon, workability and general properties. 13) Repair coating on the previous coat and old coat Please do a test coat before painting (if there is no adhesion). 14) In case of 2-liquid type paint, use the electric stirrer for about 3 ~ 4 minutes at the prescribed ratio, and gel phenomenon will occur when aging time passes. Please note that if you do not use the power mixer, it will not mix uniformly and will not dry out. 15) If thick film is applied on the surface of the substrate or when the film is thickened due to falling down on the bottom surface when painting on the wall, paint film will be boiled. 16) If the undercoat is exposed to moisture (condensation of rain, snow, dew or water), it may cause poor adhesion with the medium. Therefore, dilute the undercoat and apply as thin as possible. 17) Please apply without any coating because there is a possibility of air bubbles in the middle coating. 18) When spraying, paint may be scattered around to prevent contamination. 19) If the maximum subsequent paintable time has elapsed, proper surface treatment is required since the adhesion of the top coat may occur. 20) After work, clean all painting tools with the specified cleaning agent. 21) Since this product is a chemical product, it may deteriorate during long-term storage. Please use it within the expiration date. Please refer to our customer center for the products that have passed this period.
Caution for handling	<ol style="list-style-type: none"> 1) Do not use any other purpose. 2) Keep out of reach of infants and children. Do not apply to infants, children's equipment or food storage containers. 3) This product is a water-soluble product. Avoid direct sunlight and fire when transporting, storing or handling. Store in a dry, cool place at room temperature (5 ~ 35 °C). 4) Please keep this product container sealed so that the injection port faces upward. 5) Avoid skin contact and odor inhalation by wearing protective equipment such as respirator mask, protective gloves, goggles, etc. during work.

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	<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) Dispose of the waste paint through the waste disposal company designated by the Ministry of Environment.</p> <p>12) 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>
Warning	Please refer to the warning in the appendix.
Application system	<p>1. Primer : Epocoat Aqua Primer</p> <p>2. Top coat : Epocoat Aqua 1000, Epoxy coatings etc.</p>

Physical Data

Finish	Gloss	Color	Clear
Applied over	Concrete, Cement	Components	2
Volume Solid	Approximately 30±2%	Recommended Dry Film Thickness	50μm
Coats	1~2	Mixing Ratio	1 : 1(Vol)
Recommended Coverage	6.02m ² /L Depends on the concrete surface.	Pot Life(25°C)	Within 3hr
Dry time(25°C)	Dry hard ; 12hr	Recoatable(25°C)	Within 12 ~ 72hr
Diluent Ratio	10%(Vol)	Diluent	Water
Packing Unit	14L	Shelf Life	12months (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