

Perpendicular plane epoxy putty

SUPER EPOXY PUTTY



SUPER EPOXY PUTTY, mainly composed of epoxy resin, is a two component putty with excellent adhesion, durability, tensile strength, corrosion, physical properties, It is also no shrinking and a proper epoxy putty for perpendicular plane because of soft putty with high viscosity

Usage

Putty and filling agent for concrete and mortar surfaces.

Application Procedure

Procedure	<ol style="list-style-type: none">1. Surface Preparation Prepare the surface free from any loose cement, dust, oil, moisture and other contaminants.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 condensation3. Application Equipment Trowel, spatula, gun for coating
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) Please completely remove Laitance, dust, oil and other contaminants on the surface. (Such as sand blasting, DIAMOND WHEEL GRINDING or 10% HCL pickling)4) Do not use the product by heating or mixing with other paint.5) Please keep the time recommended by our company for repainting time.6) Consider that actual requirements may vary depending on substrate condition, coating method and coating conditions.7) When repainting on the previous coat and old coat, please do a test coat in advance, and if there is no abnormality (adhesion, etc.), please paint.8) It is important to pay attention to the weather when working because the viscosity varies greatly with temperature.9) In case of 2-liquid type paint, use the electric stirrer in the prescribed ratio for about 3 ~ 4 minutes. After aging, gel phenomenon occurs and it cannot be used. Please note that if you do not use the power mixer, it will not mix uniformly and will not dry out.10) In case of not completely dry (within 24 hours), it may cause crack when painting in aqueous phase.11) Please note that the paint film may peel off when you paint without removing the existing water base coat.12) If necessary, apply an epoxy-based primer to improve adhesion to the surface before sealing.13) Pour the hardener in advance on the subject and mix without mixing before proceeding.14) Mixed paints should be used within pot life.15) If the maximum subsequent paintable time has elapsed, proper surface treatment is required since the adhesion of the top coat may occur.16) After work, clean all painting tools with the specified cleaning agent.17) 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.
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) 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).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.6) Be careful that the paint does not come into contact with eyes, skin,7) If paint comes in contact with eyes and skin, wash thoroughly with running water and seek medical attention.8) If inhaled or ingested, seek medical advice immediately and follow the medical advice given in the container.9) Avoid work in a confined space, and if you unintentionally paint, ventilate it thoroughly with exhaust system before working.10) The remaining amount of paint after use may cause dry film or stagnation. Please use the full amount immediately after opening.11) When storing the cloth with flammable materials, there is a risk of spontaneous ignition, so be sure to dispose of it in

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	a nonflammable container. 12) Dispose of the waste paint through the waste disposal company designated by the Ministry of Environment. 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.
Warning	Please refer to the warning in the appendix.
Application system	1. Primer : Epocoat Primer, Epocoat Aqua primer(Epoxy Primer) 2. Top coat : Depends on application site

Physical Data

Finish	Matt	Color	Light grey
Applied over	Concrete, Cement, Steel	Components	2
Volume Solid	More over 98%	Recommended Film Thickness	Depends on usage condition
Coats	1~2	Mixing Ratio A : B	2 : 1(wt)
Recommended Coverage	1.796kg/m ² (D.F.T=1mm*1m ²)	Diluent Ratio	Don't use
Cleaner	Epocoat 1000 Thinner, Thinner 395	Shelf Life	6 months (When stored indoors at 5~35°C)
Packing Unit [A : B]	For 12L (15kg) For 4L (5.1kg)		

	10°C	20°C	30°C
Dry hard(hr)	24	6	4
Dry through(day)	3	2	1
Pot life(mins)	30	20	10
Recoatable(hr)	24~72	6~48	4~24

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