

EURO POLYMERS PU COATING

PU Coating is the high quality 2 components, Polyurethane coating for steel, concrete, screed, ... Product combined Polyurethane resin, hardener and anti-fading additive. Provide the more durable and flexible finish coating than Acrylic Polyurethane. Product is especially resistant to abrasion, chemical and outdoor severe weather

PRODUCT DESCRIPTION	<ul style="list-style-type: none"> Resistant to oils, greases, alkali, and salts Long lasting protection, highly effective against corrosion for both interior and exterior Good adhesion, high corrosive resistance, high color fastness, oil and chemical resistance Easy application Service temperature up to 90°C (continuous) and 120°C (intermittent)
APPLICATION RANGE	<ul style="list-style-type: none"> Finish coatings for steel structures, ships, power plants, oil refineries, chemical plants,... Design to resist corrosion and maintain the durability, color fastness and gloss of steel structure Excellent chemical and oil resistance Withstand low temperature conditions Used for concrete, mortar, ...
SURFACE PREPARATION	<ul style="list-style-type: none"> The substrate should be clean and free from laitance, oil, dust, paint residues, algae, loose and friable material must be completely removed from all surfaces before application of the product Sandblast surfaces according to ISO 8501-1:2007 (SA 2.0 or SSPC-SP10) or grind according to ISO 8501-1 (ST3 or SSPC-SP3) After surface treatment is completed, necessary to remove all dirt, grease Metal, concrete, screed, ...must be primed before coating
CONDITIONS OF APPLICATION	<ul style="list-style-type: none"> Surface temperature must be at least 3°C above dew point The ambient temperature ≤ 40°C and humidity ≤ 80% RH In enclosed area, it must be well ventilated to ensure safety and explosive
APPLICATION TOOLS	<ul style="list-style-type: none"> Standard spray machine: nozzle size: 0.015"-0.017" Air pressure spray machine: 2500 psi (176 kgf/cm) Roller: use a dedicated roller Paint brush: for small spaces, edging, corners, patching, ...

Product datasheet

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Version 02

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MIXING

- Mix 2 components of PU coating thoroughly using paint mixer for 3-5 mins until a homogenous mixture achieved
- Dilution: Thinner 30
- Note: dilute with 10-20% thinner depend on the film thickness of coating and application method
- Clean all tools right after finish of application using Thinner 30

THEORETICAL CONSUMPTION

- 7.36 m²/kg/coat, wet film thickness (WFT) = 116µm, dry film thickness (DFT) = 50µm
- The coverage might vary depend on the surface, film thickness, application method

SYSTEM RECOMMENDED

*Metal surfaces

Product	Number of coat(s)	Dry film thickness (µm)
ZP-300 - Primer	1	135
PU coating	2	100

*Concrete, mortar surfaces

Product	Number of coat(s)	Dry film thickness (µm)
UP-100 - primer	1	30-40
PU coating	2-3	100-150

PACKING AND STORAGE

- 22 kg/set (component A: 20kg, component B: 2kg)
- 4.40 kg/set (component A: 4kg, component B: 0.40kg)
- Product shelf life is 12 months (at 5-30°C). Keep un-opened drum in dry, well ventilated storage. Avoid any contact with moisture, water and alcohol. Use the product as soon as the lid has opened

TECHNICAL DATA

Product type	2 component, PU coating
Color	Colors available for selection
Density (g/ml)	1.25 ± 0.05 (mixture)
Solid content (%)	45 ± 1%
Mixing ratio (by weight)	A:B = 10:1

Drying time	5°C(H)	20°C(H)	30°C
Touch free	1	1/2	1/3
Dried	16	4	2
Time between coats (at least)	24	8	6
Time between coats (max)	24	12	12
Pot life	3	2	1.5

PRECAUTION

Should apply in a well-ventilated area, keep away from any smoke, fire source; Use a fan if necessary. Wear a safety equipment such as respirator, glove goggles. In case of contact with eyes, rinse eyes with plenty of water and seek for a physician care as soon as possible. Note that solvents are volatile substances. Please read all information in product data sheet before applying. These information may be updated without prior notice. Please contact us or visit our website for updated technical data and instructions.

DISCLAIMER

All guidance, recommendations, reports and technical data contained in this document are based on information and testing we believe to be reliable and accurate, but the accuracy and completeness of the articles of above inspection is not construed as warranty. It is the user's responsibility to clarify themselves with the information and to check to determine the suitability of the product for its own use, application and work situation. We do not recommend or guarantee that any of the hazards listed here are the only ones that may exist. Neither the seller nor the manufacturer shall be liable to the buyer or a third party for any loss or damage directly or indirectly resulting from the use or inability to use the product. Recommendations or representations, whether written or oral, except as outlined in this document are not binding on the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the appropriate materials and application procedures. Test results have been obtained based on a lab condition and Euro Paint Vietnam Co., Ltd. does not believe that these tests or any other test, are accurate for all environmental conditions.



EURO PAINT VIET NAM CO., LTD

No. 64/27, Binh Phuoc B Quarter, Binh Chuan Ward,
Thuan An City, Binh Duong Province
Email: info@europaintvietnam.vn
Tel: (+84) 274 3798 630

