

EURO POLYMERS EPOXY ZP-300 PRIMER

ZP-300 Primer is two component, Polyamide Epoxy and anticorrosive zinc phosphate. Product is primer for special project with good adhesion, waterproof, good resistant to oils other chemicals. Form an excellent anti-corrosion coating to protect hulls, steel structure, galvanize, inox, and a primer for oil tanks

APPLICATION RANGE	<ul style="list-style-type: none"> • Designed to resist corrosion on steel, marine, structures in architecture, underground piping system, machinery, equipment, storage tanks, ... • Food processing plant, chemical factory, ship protection coating • Used to repair rusted metal surfaces
FEATURES & BENEFITS	<ul style="list-style-type: none"> • Chemical resistant • Withstand the severe weather, improve adhesion for finish coating • Excellent moisture resistance • Anticorrosion • Excellent solvent resistance • Abrasion resistance
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: must be primed before coating • Suitable coating: PU 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: 0.017"-0.019" • Air pressure spray machine: 2500 psi (176 kgf/cm) • Roller: use a dedicated roller • Paint brush: for small spaces, edging, corners, patching, ...
MIXING	<ul style="list-style-type: none"> • Mix 2 components of ZP-300 Primer thoroughly using paint mixer for 3-5 mins until a homogenous mixture achieved • Dilution: Thinner 30 • Note: dilute with 20-30% thinner depend on the film thickness of coating and application method • Clean all tools right after finish of application using Thinner 30

Product datasheet

Date: 25/05/2021

version 02

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THEORETICAL CONSUMPTION	<ul style="list-style-type: none"> • 4.52 m²/ltr/coat, wet film thickness (WFT) = 221µm, dry film thickness (DFT) = 135µm • The coverage might vary depend on the surface, film thickness, application method
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SYSTEM RECOMMENDED

*Metal surfaces

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

PACKING AND STORAGE

- 21.50 kg/set (component A: 18.43 kg, component B: 3.07 kg)
- 4.30 kg/set (component A: 3.69 kg, component B: 0.61 kg)
- Product shelf life is 12 months (at 05-30°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 components, Zinc phosphate epoxy primer
Color	Grey (mixture)
Density (g/ml)	1.35 ± 0.05 (mixture)
Solid content (%)	61 ± 1%

Drying time	5°C(H)	20°(H)	30°C(H)
Touch free	2	1	2/3
Dried	24	10	8
Time between coats (at least)	32	15	12
Pot life	10	6	4

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.

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