

EURO POLYMERS PU 600 INSULATION

PU-600 is a two-component polyurethane insulating coating. In addition to the outstanding features of Polyurethane paint such as abrasion resistance, chemical resistance, and very good outdoor weather resistance, the PU-600 paint also has excellent thermal insulation properties

PRODUCT DESCRIPTION	<ul style="list-style-type: none"> • Heat insulation, high color fastness • Long-lasting, effective protection • Easy to use • Excellent chemical and oil resistance • Withstands sunshine for a long time. • Anti-moss and dust stick to surface
APPLICATION RANGE	<ul style="list-style-type: none"> • Metal roofs, steel structures, concrete roofs, walls, ...
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 • Primer requested prior application of PU-600
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, ...
MIXING	<ul style="list-style-type: none"> • Mix 2 components of PU-600 thoroughly using paint mixer for 3-5 mins until a homogenous mixture achieved • Dilution: Thinner 18 • 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 18
THEORETICAL CONSUMPTION	<ul style="list-style-type: none"> • 0.4-0.5 kg/m², dry film thickness (DFT) = 300µm • The coverage might vary depend on the surface, film thickness, application method

Product datasheet

Date: 23/07/2022

Version 03

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SYSTEM RECOMMENDED

* Metal surfaces

Product	Number of coat(s)	Dry film thickness (µm)
ZP-300 - Primer	1	135
PU 600 - Insulation Paint	2-3	300

* Concrete, mortar surfaces

Product	Number of coat(s)	Dry film thickness (µm)
UP-100 - Polyurethane primer	1	30-40
PU 600 - Insulation Paint	2-3	300

PACKAGING & STORAGE

- 19.8 kg/set (component A: 18 kg, component B: 1.8 kg)
- Product shelf life is 12 months (at 05-30°C). Keep un-opened pail 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 insulation coating
Color	White
Density (g/ml)	1.00 ± 0.05 (mixture)
Solid content (%)	61 ± 1%
Flash point (°C)	24
Mixing ratio (by weight)	A:B = 10:1

DRY TIME

DRY TIME	5°C (H)	20°C (H)	30°C (H)
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

PRECAUTIONS

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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