

EURO POLYMERS UP-222

UP-222 is a 2-component Polyurethane liquid membrane, with Shore A is 80±5. It is a coating for the floors of many stadiums such as gymnasiums for interiors and exteriors as well as a floor coating for general offices and factories based on special properties, excellent tensile strength, elongation. outstanding and elasticity

APPLICATION RANGE

- Gymnasium, tennis court etc.
- Floor coating for anti-tremble and anti-noise in a mill or warehouse
- Floor coating for office, hospital, school and library.
- Other hard floor

FEATURES & BENEFITS

- Easy to apply, cure at ambient temperature
- Remarkable weathering resistance and durability.
- Decorative appearance and excellent adhesion strength.
- Excellent impact and abrasive resistance.
- Easy to repair and inexpensive maintenance cost.
- Withstand any crack and tremble.
- Form the continuous and seamless membrane
- Colors for selection
- Good elongation, has mechanical properties such as tear resistance
- Very good water resistance and durability.

SURFACE PREPARATION

The substrate should be dry, 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

PRIMING

Use Euro Polymers UP-100 Primer (dried substrate) or EP-2WT (damped substrate), leave it dry for 1-4 hours (not exceed 48 hours) prior application of UP-222

MIXING

UP - 222 is a two component Polyurethane product and supplied in 2 parts with mixing ratio A: B = 1 : 1.5, mixed using paint mixer for 3-5 minutes until a homogeneous mixture is achieved. Application time is about 30 ± 20 minutes (30°C), varies depending on temperature.

DILUTION: The dilution is only done when necessary to make the application more convenient (low temperature, rough surface,...). Use 3-5% Xylene by volume, required to mix well using paint mixer in 1-2 minutes before application.

Note: The thinner should be tested on a small area to ensure suitability prior to application. Dilution may effect the physico-mechanical properties and drying time of the product. Absolutely do not mix more than 5% of Xylene thinner

Product datasheet

Date: 14/07/2022

Version 04

EURO POLYMERS UP-222

CONSUMPTION	1.25 - 1.35 kg/m ² /mm, 2 coats are required. The coverage might vary depend on the substrate absorbent
APPLICATION	UP-222 can be applied by brush, roller, steel and notch trowel. Leave the 1st applied coat 8-24 hours (not exceed 48 hours) then apply 2nd coat to ensure the good bonding between coats.
PACKAGING & STORAGE	35 kg/set (Part A: 14kg, Part B: 21kg) Product shelf life is 12 months (at 5-30°C). Keep un-opened pails 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 Polyurethane
Color	Colors for selection
Density (Kg/L)	1.3 ± 0.1 (A+B mix)
Mixing ratio (by weight)	A : B = 1 : 1.5
Shore A hardness	85 ± 5
Tensile strength	≥ 5.0 N/mm ²
Tear strength	≥ 14.7 (N/mm)
Elongation at break	≥ 200 %
Dilution (Xylen - Thinner 18)	consider, test the thinner to ensure suitability before application
Non-volatile content (%)	Part A ≥ 98 Part B ≥ 96
Viscosity (cps/25°C)	Part A: 5.000 ± 1.000 Part B: 92 ± 10 KU/25°C
Application method	brush, roller, steel and notch trowel
Dry time Depend on temperature and air humidity	25°C, 85% RH Touch free: 30 mins Pot life: 30 ± 20 mins Completely dried: 24-48 hours

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.



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

