

EURO POLYMERS EL-245

EL-245 is 2 components, solvent-based Epoxy self-levelling to create a 1-3mm thick layer with high adhesion, durability, chemical resistance, abrasion and dust resistance.

PRODUCT DESCRIPTION

- EL-245 is a self-levelling finish coating used for indoor concrete/screed floor subjected to medium and high loads such as warehouse, hall, workshop, garage, screed, steel need to be anti-dust, subjected to medium/high loading such as: warehouse, hall, factory, garage, parking areas, basement floors, multipurpose sport center, ...
 - Anti-slip can be applied to wet areas, food processing plants, hangars, ...
- * Note: When apply outdoor, discoloration might happen due to epoxy's characteristic**

FEATURES & BENEFITS

- Easy application
- Easy cleaning
- Good chemical and impact resistance
- Contains a little solvent
- Gloss finish, wide range of color for your choice
- Anti-slip property when needed
- High flow rate, self-levelling
- Form a durable cured coating, against solvents, alkalis, oils, greases, salt, wet, ...
- Can be mixed with selected aggregate to improve bearing load capacity

SURFACE PREPARATION

Water, grease, dust and other impurities on the surface need to be cleaned. Construction EP-200 Primer prior to application of the EL-245 coat.

MIXING

The two components A+B of product EL-245 must be thoroughly mixed with a specialized paint mixer. Use for 3-5 minutes until a homogeneous mixture is obtained.

APPLICATION

- To avoid pinhole due to air bubbles, EP-200 Primer must be applied carefully to ensure all surfaces have fully sealed. It is necessary to apply 2nd coat of EP-200 Primer to high absorbent area(if necessary), and/or time to recoat is longer than 72 hours. The extra priming also request in case of primed area is dusty and cannot clean
- Time between coats: 4-8 hours
- Clean all application tools using Thinner 20 before it cures

Product datasheet

Date: 01/03/2021

Version 01

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CONSUMPTION

- **1mm thick system:**
EL-245 + Silicat (0.1 ~ 0.3mm) = 1.0kg + 0.5kg/m²/mm
- **1.5-3mm thick system**
EL-245 + Silicat (0.1 ~ 0.3mm) = 1.5kg~3Kg + 0.75kg~1.5Kg/m²/mm
- **4mm thick, Anti-slip system**
EL-245 + Silicat (0.1 ~ 0.7mm) + EC-210 = 4kg+ 2kg + 0.3kg/m²/mm

The coverage might vary depend on the substrate condition

PACKAGING & STORAGE

- 21 kg/set (component A: 18kg, component B: 3kg)
- 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 components, solvent free epoxy
Color	Grey, Green or upon requested
Waterproof	workable
Substrate moisture	≤ 80% RH, test method: moisture meter
Density	~ 1.45 ± 0.05 kg/ltr (mixture)
Solid content	90 ± 5 %
Mixing ratio	A : B = 6 : 1
Application temperature	Air: 5 - 35°C Surface: < 40°C Relative humidity: ≤ 80% RH
Dilution	Not recommended
Apply method	Steel and notch trowels, spike roller
Dry time (depend on temperature and relative humidity)	30°C, 80% RH Application time: 30 minutes Surface dry time: 3 hours Walkable: 2 days Lightly receive physical load: 3 days Fully chemical cured: 7 - 14 days

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.

NOTE

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

