

EASL-243-2K SF



Anti-slip Coating for Epoxy Floor

PRODUCT DESCRIPTION

POLYFLOOR EASL-243-2K SF is two components solvent-free epoxy which gave textured finish and provide firm footing to the floor surface to prevent slips, trips and falls. Can be cured at ambient temperature, without UV lamp.

FIELDS OF APPLICATION

- Production area
- Warehouse
- Parking lot
- Showroom

PRODUCT FEATURES

- Textured finish
- Establish safe floor to prevent slips, trips and falls.
- Solvent free, low odor
- Excellent abrasion resistance
- Easy to clean and maintain

PRODUCT SPECIFICATION

Type	: Two components solvent-free epoxy	Component A	Component B
		EASL-243-2K SF CLEAR	HARDENER EASL-243
Color	: Hazy		Clear yellowish liquid
Material consumption	: 0.08-0.12 Kg set/m ²		
	Recommended application ~75 micron DFT		
Drying time (@ 30°C)	:		
1. Surface dry	: 3 hours		
2. Hard dry	: 8 hours		
3. Open traffic	: 24 hours for light traffic and 3 days for heavy traffic		
Packaging	: 1 and 5 Kg-set		
Storage stability	: Two years in cool and dry storage (above freezing point) and in original unopened box.		
Mixing ratio by weight	: Comp A : B = 2 : 1 w/w		
Pot life (@30°C)	: 20 minutes		
Application method	: Short-hair roller paint		
Substrate	: Concrete		
Application viscosity	: Ready for Use		
Re-coating interval	: 8 hours until 3 days		
Application condition	: T = 25-35 °C, RH = maximum 80%		
Provide adequate ventilation during application and drying			

No. TD : E-052
Revision : 02
Effective Date : 23/04/2025



FILM PROPERTIES

Item	Result	Standard Test
Adhesion on epoxy floor	: 5B	ASTM D3359
Bonding Strength	: > 2.5 N/mm ² , concrete failure	ASTM D4541
Abrasion Resistant	: 10 mg loss per 1000 cycles (500 g load using CS17 wheels)	ASTM D4060
Impact Resistant	: 80 cm, 1 Kg load	ASTM D2794
Mohs Hardness	: 5 Mohs	ASTM C1895

**all properties tested using panel that has been cured for at least 28 days @ 30°C*

OTHERS

Shelf life	: 24 months.
Storage and handling	: Store at maximum temperature 35°C. If store under elevated temperature will shorten the shelf life. Avoid from heat and direct sunlight.
Maintenance after application	: Vacuum the floor on regular basis, then mop the floor using non-reactive cleaning agent. Avoid cleaning agent that contain : acid, peroxide, hypochlorite. If the floor need to be disinfected, use only hospital grade disinfectant that contain reactive agent NaDCC.

SURFACE PREPARATION

Make sure that compressive strength of floor structure as good as project design requirement. Surface must be structurally sound, clean, and free from loose particles, excessive oil, grease, and other contaminants. Clean excessive oil, grease and wax using scrubbing method by industrial grade detergent or degreasing compound followed by vacuum cleaning to remove all particle dirt.

APPLICATION INFORMATION

1. Mix **EASL-243-2K SF** with **HARDENER EASL-243** at mixing ratio A:B = 2:1 (w/w), using electrical mixer or appropriate method.
2. Apply the mixture on the top coat using short-hair roller paint.
3. Leave it dry for at least 8 hours, or 24 hours before open traffic.
4. Good ventilation and air circulation in working area is suggested.

SIMPLIFIED RECOMMENDED COATING SYSTEM

No.	APPLICATION STEP and PRODUCT CODE	MIXING	RECOMMENDED COATING AMOUNT	CURING @ 30 °C.
Substrate: Concrete				
	Grinding 80# followed by cleaning			
1	Primer Coat			
	PFP-221-2K Sf BODY COAT	7	900 gr/m ² for 500 mic DFT	12 hours
	HARDENER PFP-221	1		
2	Body Coat			
	PFT-215 M-2K SF	7	750 gr/m ² for 500 mic DFT	12 hours
	HARDENER PFT-215	1		
3	Top Coat			
	EASL-243-2K SF CLEAR UCC	2	80 gr/m ²	8 hours
	HARDENER EASL-243	1		

SAFETY PRECAUTION

Avoid contact with the skin and eyes. Wear suitable protective clothing such as goggles, masks, and gloves. For more information, please refer to our safety data sheet.

FIRST AID:

- Eye contact : Rinse immediately with plenty of water for at least 15 minutes; seek medical advice.
- Skin contact : Wash with soap and water. If irritation occurs, seek medical advice.
- Ingestion : Provide symptomatic treatment and seek medical advice.
- Inhalation : Remove person to fresh air. Keep patient rested and give artificial respiration.

DISCLAIMER

This document contains information issued based on the best and latest of Propan's knowledge in accordance to laboratory testing and practical application experience. The end user must test the product's suitability for their specific application and purpose. Propan shall not be liable for defects where the application of the Product has not been made fully in accordance with the recommendations and requirements. This document is subjected to change without further notice. Please consult Propan for any specific guidance on the suitability of this product for their needs or for any specific application practices.