

EPOXY EFFECTS CO. LTD

WATER-BASED PU TOPCOAT 1:4 (GLOSS)

Product Information

Epoxy Effects PU Topcoat is a transparent, aliphatic, two-component polyurethane varnish. Has excellent flexibility and crack resistance with a 7H abrasion Resistance. Can be used for Indoor and Outdoor use.

Applications Include: underground garages, PVC floor, Floor Renewing, Workshop floors and Epoxy Flooring, Epoxy Countertops, Tables etc.

Product Data

Mixing and Processing	The resin system shall be mixed in the following proportions		
	Volume Ratio	Resin (Part A)	Hardener (Part B)
		100	25
Tack Free Time (25°C)	4 Hours		
Hard Drying Time 25°C	<24 Hours		

Performance Data

Abrasive Resistance	<0.002
Pencil Hardness	>6
Ponding Strength/Mpa	>3

Cured Properties

Oil Resistivity	Without bubbling, wrinkle or delaminating, possibly with acceptable slight discoloration and loss of gloss
Acid Resistance	Without bubbling, wrinkle or delaminating, possibly with acceptable slight discoloration and loss of gloss
Alkali Resistance	Without bubbling, wrinkle or delaminating, possibly with acceptable slight discoloration and loss of gloss

Salt Water Resistance	Without bubbling, wrinkle or delaminating, possibly with acceptable slight discoloration and loss of gloss
------------------------------	------------------------------------------------------------------------------------------------------------

Packing, Storage & Shelf Life

1. Polyurethane Resin at 5 °C to 35°C , dry and original sealed packaging storage conditions, The shelf life of the property is at least 24 months.
2. Hardener should be placed in the original packaging, placed in a dry and cool place, avoid direct sunlight, the temperature should not be higher than 25°C.

Personal Protection	
Personal Protection Equipment	Protective imperious gloves to avoid skin contact.
Respiratory Protection	No special protection required
Eye Protection	Chemical anti-splash goggles are recommended.
Body Protection	Use protective clothing that blocks this product, use protective boots, gloves, protective clothing, eye washers as appropriate.

Urgent Processing	
Skin Touch	Rinse the contaminated area thoroughly with soapy water and clear water for 5 minutes or until the contaminants are removed.
Eye Touch	Lift the eyelids and rinse the eyes with flowing water or saline for 20 minutes or until the contaminants are removed.
Inhalation	<ol style="list-style-type: none"> 1. Leave the scene to fresh air. 2. Consult a doctor immediately if you have any symptoms.

Attention	<ol style="list-style-type: none"> 1. Accurate proportioning and thorough and uniform mixing are the key to the best performance of the resin system. When mixing, be sure to stir the sides, bottom and corners of the mixing container evenly. 2. Sealing the container containing the amine curing agent and mixing system during
------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

