

FEATURES

HATO Polyguard Epoxy Enamel is a mixture of 2 parts protecting surface and structure from erosion or rust. Part A is made from epoxy. The hardener in part B is made from polyamide. Primer for outdoor spirit house, King of Nagas, Temple stairs and sculpture. Can be topcoat for interior use. For industrial machine. Dried film provides adhesion to surfaces like metal, concrete, and wood. It offers great solidity, durable to chemicals which are acid, alkaline, seawater, polluted water, moisture, and extreme weather conditions.

TECHNICAL INFORMATION

Type	Polyguard Epoxy	
Color	Wide range of colours. Please refer to Hato Catalogue	
Film appearance	Semi-gloss	
Pack size	Part A 1 Gallon part B ¼ gallon	
Solid by volume (mixed)	56 ± 2%	
Solid by weight (mixed)	72 ± 2%	
Specific gravity	Part A 1.4 - 1.5	Part B 0.91 – 0.95
Flash point	Part A 27.0 °C	Part B 70.0 °C
Wet film thickness	100 – 125 Microns	
Dry film thickness	55 – 70 Microns	
Theoretical coverage	40-45 Sq.m./coat/gallon @50 Microns DFT. Remark - Actual Surface coverage will depend on surface irregularities, Mixing, Application Condition method and technique; as well as the structure and dimensions of the object to be coated	
Touch dry (25-30°C)	1-2 Hours	
Recoat dry (25-30°C)	6-12 Hours at 25°C	
Full cure (25-30°C)	7 Days Remark : Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly	
Potlife	Pot life (at 25°C) 8-12 Hours after mixing PART A with PART B, pot life is reduced at higher temperatures	

APPLICATION

Tools	Brush or Spray gun
Diluent	Hato thinner for polyguard epoxy enamel EPT710
Dilution (%)	Brush 10-20% / Spray gun 100-150 %

APPLICATION SYSTEM

Surface Preparation	
Steel	The surfaces must be clean and free of dirt, grease, oil, wax, salt, and other contaminants. The surface must be thoroughly dry and apply the protective coating within 4 hours
Concrete	The surfaces must be clean and free of dirt, grease, oil, wax, salt, and other contaminants.
Coating system	
Primer	Mix Part A and Part B strictly follow mix ratio PART A 4 : PART B 1 Recommendations before dilute by Thinner mixing and stir until the mixture is homogeneous then leave 10-15 minutes before application. Apply 1 coat of Hato Polyguard Epoxy Enamel
Topcoat	Apply at least 2 coats of Hato Acrylic Enamel paint after apply primer 6-12 hours

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything only the quality of the product itself. We reserve the right to change the given data without notice.

HANDLING AND STORAGE

Keep the containers in a dry, cool, well ventilated space and away from heat.
Containers must be kept tightly closed.

HEALTH AND SAFETY

Please observe the precautionary notices displayed on the container
Use under well ventilated conditions.
Avoid skin contact, do not breathe or inhale mist
For details information on the health and safety hazards and precautions for use of this product, please refer to the Safety datasheet