

FEATURES

HATO Polyguard is a mixture of 2 parts protecting surface and structure from erosion or rust. Part A is made from polyamide resin and coal-tar pitch. The hardener in part B is made from epoxy resin. Paint dries from the reaction between part A and B. Dried film provides adhesion to surfaces like metal, concrete, and fiberglass. It offers great solidity, durable to bending, hitting, rubbing, chemicals which are acid, alkaline, seawater, polluted water, moisture, and extreme weather conditions.

TECHNICAL INFORMATION

Type	Epoxy
Color	Gray and Green
Film appearance	Semi-gloss
Pack size	Set 1 Gallon part B ¼ gallon / Set ¼ Gallon part B 1 pound
Solid by volumn	52.0 ± 2%
Solid by weight	72.0 ± 2%
Specific gravity	1.4-1.5
Flash point	27 c°
Wet film thickness	100-125 Microns
Dry film thickness	55-70 Microns
Theoretical coverage	40-45 Sq.m./coat/gallon
	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 25C°
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 25oC) 6 Hours after mixing PART A with PART B, pot life is reduced at higher temperatures

APPLICATION

Tools	Roller, Brush or Spray gun
Diluent	Thinner or EPT710
Dilution (%)	Brush or roller 10-20% / Spray gun 100-150 %

APPLICATION SYSTEM

Surface Preparation

All surface	Remove all dirt, grease, oil, salt, and chemical contaminants. Mold and mildew areas must be cleaned with a chlorinated cleaner or bleach solution. Rinse thoroughly with freshwater and allow to fully dry. All surfaces must be dry at the time of application.
Steel	Surfaces should be blast cleaned to a near-white finish using a suitable abrasive. And/or by using the surface preparation with requirements. of the primer and/or as the Spec of the project. The surface must be thoroughly dry and apply the protective coating within 4 hours
Concrete	Hand or power tool clean to remove all loose or unsound concrete, masonry, or previous coating.

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.

Coating system

Mix Part A and Part B strictly follow mix ratio PART A 4 : PART B 1
Recommendations before dilute by Thinner mixing and stir for 2-3 minutes until the mixture is homogeneous then leave 5 minutes before application

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