

Pearl Glaze Satin

Product Description

It is an epoxy based resin, which yields a flexible film with a very high impact resistance and superior protection against saltwater, acids, alkalis and other destructive elements. It is compatible with any other primer or solvent.

Key Features

- Economical
- Satin-finish
- Won't peel or crack
- Easy to apply
- Good drying and curing properties
- Last twice as long as QDE
- Good flexibility and toughness
- Alkali, acid, water and saltwater resistant



Product Specifications / Typical Properties / Physical Characteristics

Table 1:

Physical properties: **UNCURED STATE***

Parameters	Results
Color	
Part A	Standard and customized color
Part B	Clear Yellow
Viscosity	
Part A, KU	65-80
Part B, secs	13-15
%Solid by Weight	55-80
Specific Gravity, g/mL	
Part A	1.10 - 1.40
Part B	0.880 - 0.899
Fineness of Grind (FOG), NS	3-4
Potlife @29°C	3-4 hrs
Drying Time	
Set-to-touch	1-2 hrs
Tack-free	2-5 hrs
Dry-through	2-3 days

Applications

It is used with maximum efficiency in storage tanks, cars, bridges, ships, industrial equipment and other objects requiring a protective coating that is tough and chemically resistant.

Table 2:

Physical properties: **CURED STATE***

Parameters	Results
Opacity, 150 microns wft	85% min
Finish	Satin
Adhesion, 7 days curing	4B-5B
Hardness, 7 days curing	H min
Flexibility	No crack at 180° bend
Impact Test, 60cm X 500 g	No cracking
QUV, 200 hrs (ASTM G154 Cycle 1)	No cracking, no blistering, no chalking,
Theoretical Coverage @50 µ DFT	5.43 m ² /L

Application Procedure

Surface Preparation. Surface must be dry, clean, and free from grease and oils, rust, loose particles and other contaminants in order to ensure a good adhesion of the paint. Sand into a smooth surface. The cleaned surface must be primed before applying or topcoating with Pioneer Pearl Glaze Satin White. To smooth surface imperfections, use Pioneer Epoxy Adhesives.

Method. Add one (1) part Pearl Catalyst to three (3) parts Pearl Glaze Epoxy Top coat base. Let it stand for thirty (30) minutes before application. Prepare sufficient quantity of epoxy paint catalyst combination good for 2-3 hours use as this solution has limited pot life. Use an epoxy reducer to thin down to spray viscosity.

Cleaning. Clean all tools or equipment used while coating is still in its uncured state. Use Pioneer Epoxy Reducer or lacquer thinner to clean tools and spills.

Packaging (available sizes)

1L X 12 pcs

4L X 4 pcs

Storage

Keep container tightly sealed. Store in an area with adequate ventilation. Avoid storage near extreme heat, ignition sources or open flames.

Shelf Life

12 months based on manufacturing date (White)

24 months based on manufacturing date (other colors)

Health and Safety Precautions

Read safety data sheet before use. Safety precautions must be strictly followed during storage, handling and use.

Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. Use only in well-ventilated areas. Store in cool, dry place in tightly closed receptacles. Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapors in air and avoid vapor concentrations higher than the occupational exposure limits. Avoid inhalation of vapour, dust and spray mist. Avoid contact with skin and eyes. Eating, drinking and smoking should be prohibited in area where the material is handled, stored and processed.

Avoid storage near extreme heat, ignition sources or open flame. Keep container tightly sealed. Store in an area with adequate ventilation.

KEEP OUT OF REACH OF CHILDREN.

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