



PU Super Gloss Enamel

PRODUCT DESCRIPTION

Indigo PU (Polyurethane) based super gloss enamel is an all surface solvent based enamel that protects your wood & metal. It is designed to keep your interior & exterior surfaces beautiful for long with better non-yellowing property compared to traditional synthetic based enamels.



PERFORMANCE FEATURES & BENEFITS

- Rich Gloss Polyurethane based enamel
- Anti fungal property
- Superior hiding & coverage
- Non Yellowing resin system
- Interior & exterior durable

FINISH

MATT

GLOSS

WASHABILITY

NO

LOW

MEDIUM

HIGH

RECOMMENDED USES

AREA



INTERIOR



EXTERIOR

SURFACES

Wood & Metal after appropriate priming

APPLICATION DETAILS & SURFACE PREPARATION

MIXING



Stir well before use

TOOLS



Brush, Roller & Spray gun

THINNING



Turpentine

THINNING RATIO



15% by Volume

SURFACE DRYING TIME



Surface Dry in 60 Min.

FILLING



Indigo KPF Putty

APPLICATION ENVIRONMENT

Temperature
10-40 degree celcius.
Humidity below 80%

CLEANING



Clean the surface of loose paint, dust & grease by sanding with emery paper. Wipe clean using turpentine and allow to dry.

SURFACE PREPARATION



Sand the surface with abrasive paper grit no. 180. Wipe clean and use appropriate primer to prime the surface. Dents and imperfections can be filled using appropriate fillers which should then be sanded and primed again.

APPLICATION



Apply 2 coats of Indigo PU Super Gloss Enamel after thinning 1 L of paint with 150ml of good quality turpentine for brushing consistency. Allow to dry for 4 -6 hours between coats.

SAFETY FEATURES

No added Lead, Mercury or Chromium compounds

TECHNICAL DATA

Coverage	1 Coat: 17-19 sqm/L*
	2 Coats: 8-9 sqm/L*
Drying Time	4-6 hours
Sheen level	90 @ 60 degree
Flash point	NA
Stability of thinned paint	24 hours
Appearance	Liquid
Solids	52%
Specific gravity	1.16
Recommended DFT	NA
Viscosity	120 secs @ 30°C by Ford Cup.
Shelf life	36 months
Contrast ratio	98%

*Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application as well as surface roughness.

PRECAUTIONS

1. Do not overthin.
2. Tinted paint must be mixed thoroughly immediately after tinting.

POST APPLICATION INSTRUCTIONS

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AVAILABLE PACK SIZE

Available in:

**SHADE RANGE**

As per shade card.



INDIGO
Be surprised!

FOR BEST RESULTS

FOR EXTERIOR EMULSIONS / PRIMERS

- Stir well and strain before use.
- Do not apply paint when ambient temperature is below 10°C or higher than 45°C or there are chances of such temperature within 4 hours of application.
- Ensure the surface/walls to be painted has dried properly. For new surfaces ensure the plastered walls have cured for 6-8 weeks before painting.
- Remove loose / flaky paint.
- Remove all traces of algae fungus dust & dirt by using a pressure wash and wire brush. It is essential that all traces of contaminants are removed properly for longer life of the new coating. Areas with heavy algae growth will need to be treated with a bio wash after thorough cleaning.
- Leaks, if any, must be traced and treated. Any source of constant dampness leads to accelerated growth of algae/fungus.
- Cracks to be sealed. Non-structural cracks can be sealed using a good quality crack seal. For structural cracks take the advice of a Structural engineer.
- Check for efflorescence (white dust on rubbing the wall with your hand). If present should be treated with an anti-efflorescence primer like Indigo WT Sealer Primer. If this is not treated then the new coating being applied will have inferior adhesion.
- Ensure that Indigo Paints tinting machine and machine colourants have been used to produce the shade selected. Ensure that tinted paints are mixed thoroughly.
- Ensure painting is completed before rains. Exposing primer coat or primer coat plus one topcoat to the rain will adversely affect the performance of paint system.
- Always ensure three coats of the topcoat on sunshades and horizontal surfaces. Also ensure the horizontal surfaces are coated first before the vertical to avoid streak marks.
- Do not overthin the paint. And always use good quality water for thinning, chlorinated water is not recommended.
- Thinned paint must be consumed within 24 hours of dilution, after which there are high chances of bacterial growth.
- When using colours that have been tinted in different batches of any emulsion, it is always advisable to mix the batches together and then apply the colour at site. There may be very small variations in colour between batches and this may be more evident when applied side by side or during touch up.
- Dark colours in emulsions are tinted using clear bases, hence the hiding of these shades will be inferior when compared to lighter shades (shades tinted in the first base). Such dark shades may require three-four coats, without dilution, to ensure proper hiding OR the primer will have to be tinted in this shade, followed by two-three coats for proper hiding.
- Only fine (using less pressure) sanding should be done over Polymer Putty & Waterproof Polymer Putty, using abrasive paper grit no.120 or higher. Sanding using rough emery paper or high pressure will break the polymer film formed & lead to adhesion/water repellancy issues.
- Paint should not be applied as a thick coat, especially in corners.

FOR INTERIOR EMULSIONS / PRIMERS

- Stir well and strain before use.
- Do not apply paint when ambient temperature is below 10°C or higher than 45°C or if there are chances of such temperature within 4 hours of application.
- Ensure the surface/walls to be painted has dried properly. For new surfaces ensure the plastered walls have cured for 6-8 weeks before painting.
- Sources of leak must be identified, fixed and allowed to dry completely before painting.
- During repainting, all loose, flaky material must be removed and the walls cleaned before application of fresh paint.
- Sheen emulsions have a tendency to reflect light, hence the surface must ideally be free of undulations to the extent possible for best results. Otherwise, all the undulations/uneven areas in the wall will be highlighted when light reflects off the wall.
- In case of Premium, Luxury emulsions and Acrylic Laminate, if masking tape is used to separate the areas being painted then the masking tape must be removed immediately after application, when the paint is still wet. Else there are chances of the paint peeling off along with the tape.
- Always ensure primer is applied over putty before application of the topcoat. This will ensure a more even finish and also improve coverage of the topcoat.
- Ensure that Indigo Paints tinting machine and machine colourants have been used to produce the shade selected. Ensure that tinted paints are mixed thoroughly.
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- If unused paint is to be stored, then it must be not be diluted with water. It must be stored in an undiluted condition in an air tight container and kept in a cool and dry space. If the emulsion has been diluted with water, then it must be used within 24 hours.
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