Opulence- Interior PU

Opulence Interior PU is an acrylic based 2 pack polyurethane clear wood coating. It forms and tough, non-yellowing film that accentuate the nature beauty of interior wooden surface.

PRODUCT BENEFITS:

DURABILITY: It forms a tough yet flexible film which resists cracking even at curved edges. Further its special chemistry imparts it good heat, stain and chemical resistance properties.

SUPERIOR GLOSS RETENTION: Opulence Interior Forms a clear non yellowing coat on your wooden interiors which accentuates their beauty for a long duration.

RESISTANCE: Opulence has high gloss, stain and heat resistance when compared to conventional wood finishes.

FILM FLEXIBILITY: Opulence forms and extremely flexible film on the surface of wood which resists cracking even on the curved edges.

PRODUCT FEATURES:

AVAILABLE PACK SIZES

1L 4L 20L

FINISHES

Available Finishes are Gloss & Matt

APPLICATION METHOD & COVERAGE

80- 100 Sqft/ L / coat
(on smooth sanded surface by spraying)

*Actual coverage may vary from the above due to factors like porosity of surface, method of application etc.

TECHNICAL DATA

Drying time @ 30° C and 60% RH	Surface Dry	Tack free	Overcoat Interval
	10 - 15 minutes	3 hours	8-12 hours

Gloss level @ 60°	Gloss	Matt
	95	25

Pot life	3 hrs
Shelf life	2 years
Flash point	Above 15° C
Application method	Spray
Hardener mixing ratio	4:1
Thinner mixing ratio	20 - 30%
Recommended thinner	D - 63 PU Thinner

TECHNICAL PROPERTIES

Pencil Hardness	H	
Conical Mandrel (1/8") 180° bend	No cracking	
Adhesion	5B (No peel off)	
Hot water resistance - 2 hrs	No damage	
Stain Resistance - Tea, Coffee, Lipstick, Mustard oil	No stain mark	
5% Sulphuric Acid Resistance - 24 hrs	No mark / Damage	
5% Sodium hydroxide Resistance - 24 hrs	No mark / Damage	
QUV-A, 60° Gloss Retention,		
- 250 hr	100%	
- 500 hr	97%	
Heat Resistance	Continuous	Peak (for 1 hr)
Dry, Atmospheric	120°C	140°C

(Test performance results were obtained in a controlled laboratory environment. Temp. listed above relate to retention of protective properties. Aesthetic properties may suffer at these temperatures).

APPLICATION DETAILS

SURFACE PREPARATION: All wood surfaces must be clean, firm and dry. Remove any oil, grease, mortar droppings, etc.

NEW WOOD: Sand in the direction of the grain, to a smooth finish with 150 followed by 220 grit paper. Remove dust with a damp cloth.

PREVIOUSLY VARNISHED WOOD IN GOOD CONDITION: Sand to obtain a smooth surface using 150 grit emery paper. Remove all sanding dust using a vacuum or cloth dampened with mineral spirits.

PREVIOUSLY VARNISHED WOOD IN POOR CONDITION: Strip completely by deep sanding or by using Sheenlac Paint Remover. Rinse thoroughly with clean water. Deep sand to until there is no evidence of any residue. Remove dust with a damp cloth.

WOOD PREVIOUSLY COATED WITH WAX SEALER/OIL BASED WOOD PRESERVATIVE: Mechanically sand until there is no evidence of residue. Remove dust with a damp cloth.

PREVIOUSLY PAINTED WOOD: Strip old paint by deep sanding or by using Sheenlac Paint Remover. Rinse thoroughly with clean water. Sand bare wood to a smooth finish. Remove dust with a damp cloth.

DISCOLOURED OR WEATHERED WOOD: Remove discoloured or weathered layer by sanding with 100 grit paper and treat it with Sheenlac WB Impregnation clear. Dry it for 2 hrs and sand to remove the grain rise with #220 grit paper. Remove dust with a dry cloth followed by Wood stain colour, to prevent further discoloration and restore the natural colour.

FILLER: If required use Sheenlac NC or Oil based Wood filler. Remove the excess using 220 grit Emery paper and wipe with dry cloth.

STAIN THE WOOD: Adding stain to bare or stripped wood can both change the color and highlight the grain pattern of any interior wood but this is an optional. Apply Sheenlac SB Wood stains directly on wood or can be mixed @10% max with base coat sealer to produce stained finishes.

For product related queries, feedback and quality complaints, please contact:

Customer care: +91 8300 03 04 04

Email:ccc@sheenlac.in, **Web**: www.sheenlac.in

Application Environment	Surface Temperature	Ambient Temperature	Relative Humidity
Min	20 °C	15 °C	50%
Max	30 °C	40 °C	75%

Apply Ciculence Exterior clear in two medium wet coats, allowing at least 5-10 minutes' flash time between each coat.

Application Method – Basecoat Sealer	Thinner	No.of coats	Re-coating Time	Sanding*
Conventional, Airless, Air Assisted Airless, HVLP	20-30% of PU Thinner D-63	2	8-12 h (not exceed 72 hrs)	320/400

**Sand lightly between coats with 320 emery paper to denib. Dust off with dry cloth. This removes upstanding wood fibre ends and dust particles which could draw moisture in behind the film and shorten the life of the coating.*

Application Method Topcoat Glossy / Matt	Thinner	No.of coats	Re-coating Time	Sanding*
Conventional, Airless, Air Assisted Airless, HVLP	20-30%of PU Thinner D-63	1-2	8-12 h (not exceed 72 hrs)	400/600

HVLP GUNS - 1.2 mm—1.4mm tip 8-10 psi (output) CONVENTIONAL GUNS - 1.2mm—1.6mm tip 40-50 psi.

Drying Time	Surface Dry	Tack Free	Full curing	Overcoating
(@ 30°C & 60 R/H)	10-15min	180min	7 days	12 h

Clean up: Clean all equipment immediately after use with Lacquer Thinner. It is advisable to periodically flush out spraying equipment during the working day. Frequency of cleaning is dependent upon the amount sprayed, temperature and elapsed time. Work strictly in accordance with the specified pot life of the material.

HEALTH & SAFETY INSTRUCTIONS:

- Always keep paint out of reach of children.
- Ensure good ventilation during application and drying.
- If accidental contact with skin should occur, wash immediately with soap and water.
- Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.
- Harmful if swallowed. Seek medical attention and do not induce vomiting.
- Do not smoke while painting.
- Flammable. Store in a cool dry place away from heat and sparks.
- Refer to Material Safety Data Sheet for complete information.

Regd. Office: Sheenlac Paints Ltd.
Old No. 109B, New No.124, Developed Plots, SIDCO Industrial Estate, Ambattur, Chennai - 600098.

DISCLAIMER: The recommendations contained herein are given in all good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control. As application, environmental and design factors can vary, due care should be exercised in the selection and verification of the performance and use of the coating N.B: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used
Ver.1.0/TDS/2017