



PELUCID

Application Information

PRODUCT DESCRIPTION:

- **Pelucid** is a crystal clear, single component, ready to use clear coat. **Pelucid** is designed for application over painted surfaces, fibreglass, stainless steel, or wood in order to achieve a high gloss, UV resistant, durable finish.
- **Pelucid** is a new high performance clear that gives two component performance with the convenience of a single pack.
- **Pelucid** is the a clear coat with excellent build, flow out and gloss retention. **Pelucid** is compatible with most paint systems including water-based. The cured clear has excellent gloss and image depth and is ideal for spot repairs and complete resprays resulting in a durable, UV resistant finish.
- **Pelucid** is isocyanate free.

SURFACE PREPARATION

- **Pelucid** can be applied using the preparation procedure shown below:-
- All surfaces to be coated must be free of grease, oil and all foreign matter. Thoroughly clean and degrease and surfaces with a water soluble cleaner such as **POR-15 Marine Clean**. Abrade solid colour coatings with wet, dry 800—2000 sandpaper abrasive, (re-clean, and dry). If coating solvent-based basecoats apply **Pelucid** within a period of 1 hour after application of the base coat.
- Rough or bare wood should be bone dry. Proper attention to **eliminating all moisture** before coating (warm air blower or hair dryer) is important. Moisture often remains in the pores of the wood when surface appears to be dry.

COVERAGE:

- Average coverage will exceed 10²m per litre depending on thickness applied and surface.

APPLICATION PROCEDURE

- **Pelucid, like all POR-15 coatings, should always be stirred, never shaken**
- Apply in even strokes and don't re-brush continually, as coating needs time to flow out and level itself.
- **Pelucid** is ready for use for brushing—see spraying.
- Apply 2—3 even coats.
- **DO NOT paint out of the can.** Dispense a quantity of Pelucid into a separate container and seal can immediately, ensuring the groove is free of paint, use gladwrap between the lid and the can.
- **Allow 5-10 minutes before recoating.**
- NOTE: leftover portions of Pelucid should not be put back into the can as this will shorten its shelf life.
- If coating solvent based basecoats apply **Pelucid** within a period of 1 hour after application of the base coat.

WEATHERED OR FADED GELCOAT/FIBREGLASS

- Clean with POR 15 Marine Clean.
- Sand with 300 grit or finer and
- Use Marine Clean again.
- Rinse well with clean water.
- Surface must be dry & dust free.
- Avoid applying in direct sunlight or on a hot surface.

PAINTED SURFACES:

- Surface should be fully cured.
- Remove all old failed coatings.
- Follow instructions for spraying or brushing.
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WOOD:

- Wood surfaces should be smooth and dry with the wood having a low moisture content.
- Remove all existing failed coatings.
- Apply Pelucid with foam or bristle brush.
- Apply a single covering coat to seal the wood and allow to cure (24 hours).
- The wood will generally need to be sanded smooth again because wood tends to pickle (small pieces of wood lifting up in contact with coatings) with the first coat.

SPRAY PAINTING / SPRAY BOOTHS:

- Your spraying area should be dust free and clean, with the appropriate exhaust equipment in place where applicable.
- **Recommended pressures:** High Pressure guns 50—70 psi (344-482 Kpa), and HVLP guns 30—40 psi (206-275 Kpa), but your own experience will quickly lead you to the proper adjustment. A POR-15 Moisture and Oils disposable filter should be used when spraying **Pelucid**, as trace oils or moisture through your spray gun can ruin your job.
- Thinning is not usually required. Thin only with **POR 15** Solvent if needed. Thin 10% to 20% if required.
- Avoid temperatures over 82°F (28°C) where possible.
- NOTE: Organic vapour particulate respirators, such as 3M #8709 NIOSH/MSHA approved, should be used when spraying Pelucid.
- The best recommended spray booth temperature is 72°F (22°C) with 50% humidity, low air flow. Remember, thinning rates are a guide only; you must also consider the type of gun, the air temperature and humidity.

BRUSHING:

- Though it is best to spray large areas, small pieces or hard to spray areas can be brushed or dipped.
- Sand splinters and rough sections before brushing.
- Brush 2 thin covering coats, avoid puddles or drips.
- Apply 2nd coat after 5—10 minutes.
- Apply in even strokes and don't re-brush continually, as the coating needs time to flow out and level itself.

SECOND COAT:

- Apply 2nd coat after 5—10 minutes. The higher the humidity, the faster Pelucid will dry, but increasing humidity to achieve a faster cure is **not** recommended.
- Pelucid can be recoated without sanding up to 48 hours after cure—otherwise lightly sand it with fine sandpaper or abrasive compound 600—1200 grit.
- Follow directions on can

THIRD COAT or MORE:

Required for Marine Applications

CURING:

- Drying time depends on the ambient humidity. **Pelucid** will dry faster in high humidity, although rapid drying is not always beneficial. With ambient humidity at approximately 40%, **Pelucid** will dry to the touch in 30 minutes.
- Drying time is dependent upon film thickness, humidity and temperature. For general purposes cure and hardness will be achieved after about 24 hours.
- Pelucid can be cut with regular compounds if you have a run or imperfection. It is best to leave it for a week or two before buffing to make sure the coating is hard (runs may take longer to fully cure due to their thickness).

BUFFING AND WAXING:

- Pelucid can be cut, buffed and polished with excellent results. Wait at least a week to ensure it is fully cured.

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