



PELUCID

APPLICATION INFORMATION

CONTAINS ISOCYANATES

Product Description:

Pelucid is a Crystal Clear, single component, ready to use clear coat. Pelucid is designed for application over painted surfaces, steel, fibreglass, wood, stainless steel and other surfaces, in order to achieve a high gloss, UV resistant, durable finish.

Pelucid is cured and strengthened by exposure to moisture rather than weakened as are most coatings. Full cure and hardness will be achieved after about 96 hours.

Pelucid is 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 re-sprays, resulting in a durable UV resistant finish.

SURFACE PREPARATION

All surfaces to be coated must be free of grease, oil and all foreign matter. Thoroughly clean and degrease surfaces with water soluble, POR-15 Marine Clean. Abrade solid colour coatings with wet, dry 800-2000 sandpaper abrasive, (re-clean and dry). Surfaces must also be bone dry. Moisture often remains in the pores of the metal or wood when surface appears to be dry. Proper attention to eliminating all moisture before coating (warm air blower) will ensure that rust will not return.

APPLICATION PROCEDURE

Pelucid should always be stirred, never shaken, like all POR-15 coatings.

Use in a well ventilated area. Use of gloves is recommended.

BRUSHING: Apply in even strokes and don't re-brush continually, as the coating needs time to flow out and level itself. Apply 2-3 even coats, Allow 5-10 minutes before re-coating. 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 glad wrap between the lid and the can.

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.

SPRAYING/SPRAY BOOTHS: Thinning is not usually required. If necessary, thin lightly with Xylene, no more than 5% to 10%. Remember thinning rates are a guide only; you must also consider the type of gun, the air temperature and humidity. The best recommended spray booth temperature is 22°C with 50% humidity, low air flow. 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 & Oils disposable filter should be used when spraying Pelucid, as trace oils or moisture through your spray gun can ruin your job.

Your spraying area should be dust free and clean, with the appropriate exhaust equipment in place where applicable.

IMPORTANT: Pelucid contains isocyanates. We suggest you wear overalls and gloves and cover up as much of your skin as possible. Special Note: Organic vapour particulate respirators, NIOSH/MSHA approved, MUST be used when spraying Pelucid. Air-supplied respirators should always be used when spraying in a confined area.

SECOND COAT. Apply 5-10 minutes after first coat. 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 hrs after cure—otherwise lightly sand it with fine sandpaper or abrasive compound 600-1200 grit. Follow directions on can.

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.

Spray: Use 25-35 PSI and spray 2 light covering coats (especially important on vertical surfaces). Apply second coat 1 hour after 1st coat is dry to touch (2-3 hrs). Pelucid is self leveling and will flow out if given time.

If you sand between coats, allow previous coat to dry fully.

Brush: though it is best to spray large areas, small pieces or hard to spray areas can be brushed or dipped. If surface is weathered fibreglass, aged or unfinished wood, sand any splinters or rough sections before brushing. Brush 2 thin covering coats, avoid puddles or drips.

Unpainted Metal: remove grease and dirt with Marine Clean. Apply POR 15 Metal Ready according to instructions. On aluminum, chrome, brass or copper do **not** let Metal Ready sit for more than 5 minutes. If coating polished metal, be sure to use a non silicone based polish. After sandblasting, remove all dust before coating. Apply by spray or brush (see above).

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

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. Untreated wood may need 3 or more coats. Follow instructions for brushing.



PERMANENT PAINTED COATINGS (2009) LTD

P O BOX 5614, Frankton, Hamilton 3242

Email: sales@por15.co.nz

Website: www.por15.co.nz

QUESTIONS & ANSWERS

MUST I THIN PELUCID?

Probably not. Pelucid may be brushed without thinning and should spray without thinning in most spray systems. Thin only with Xylene if needed.

HOW MANY COATS OF PELUCID SHOULD I APPLY?

Two or more as desired. Follow directions on can. When spraying over brass or copper thin coats should be used to prevent cracking because these metals expand and contract more than other metals. A third coat is required for Marine applications.

IS PELUCID COMPATIBLE WITH ALL PAINTED SURFACES?

Yes, because the solvents used in Pelucid are not highly aggressive or highly flammable. Pelucid should not be applied to tacky or uncured surfaces.

WHAT IS THE DRYING TIME OF PELUCID?

That 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 about 30 minutes. Also drying time is dependant upon film thickness, humidity and temperature. For general purposes, cure and hardness will be achieved after about 24hrs.

WHAT ABOUT COVERAGE?

Average coverage will exceed 10²m per litre depending on thickness applied and the surface Pelucid is applied to.

DOES PELUCID HAVE DANGEROUS FUMES?

Yes, as do all solvent-based coatings. Follow directions and warnings on can regarding safety applications. Organic vapour particulate respirators, such as 3M #8709 NIOSH/MSHA approved, should be used when spraying Pelucid.

IS IT A GOOD IDEA TO USE METAL READY BEFORE APPLYING PELUCID TO ANY METAL SURFACE?

Yes, it is, but you must be careful with certain metals not to leave the Metal Ready on too long. Ten or fifteen minutes is enough time for Metal Ready to prep any surface properly.

CAN PELUCID BE BUFFED OUT AND WAXED LIKE OTHER CLEARCOATS?

Yes, Pelucid can be cut, buffed and polished with excellent results, but wait at least a week after application to make sure it is fully cured. 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 cure due to their thickness). Pelucid can be cut with regular compounds if you have a run or imperfection.

The information set out in this flier is, so far as can be ascertained, true and accurate, but all recommendations are made with out guarantee.

Since the conditions of use of the Products sold by Permanent Painted Coatings Limited(New Zealand) ("PPC Limited") and Permanent Painted Coatings Pty Ltd(Australia) ("PPC Pty Ltd") are beyond the control of PPC Ltd and/or PPC Pty Ltd ("the Companies"), then the Companies to the full extent allowed by the law, disclaim any liability with respect to damage, injury or death consequent upon the use of the Products or consequent upon the use of the information contained herein. The Companies warrant that the Products supplied hereunder shall conform to the description or specification stated in this flier. The Companies make no warranties that Products supplied are made to certain industry specifications. To the full extent allowed by law, the liability of the Companies with respect to any breach of the aforesaid warranty shall be limited, at the option of the Companies, to payment of the cost of replacing the Products or of acquiring equivalent products and in no case shall the Companies be liable for consequential loss or damage. In no case will the Companies be liable to defend or pay award of damages assessed against the buyer in any suit or cause of action alleging that the use of the Products supplied hereunder infringe any patent. The Companies hereby expressly disclaim any written or unwritten, express or implied representation, warranty or condition against infringement of any patent with respect to such goods.