



POR-15 PELUCID

Application Information

PRODUCT DESCRIPTION:

Pelucid is a high gloss water-clear topcoat designed for spray or brush application over wooden or painted surfaces. Like other POR 15 coatings, Pelucid is cured and strengthened by moisture.

Pelucid will dry to the touch in approximately 3 to 5 hours.

Full cure and hardness will be achieved after 96 hours (4 days).

Pelucid is not suitable for outdoor environments.

Surface Preparation

Surface to be coated must be free of grease, oil and all foreign matter. Rough or bare wood should be dry and have low moisture content. Sand smooth with 320 grit and remove excess dust with a clean dry cloth.

Painted surfaces

Clean with Marine Clean then sand with fine sandpaper or abrasive compound 600 - 1200 grit. Afterward, wash again with Marine Clean if necessary.

Wood Surfaces

Wooden surfaces should be smooth and dry with the wood having a low moisture content. All existing failed coatings should be removed. 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. Sand smooth with fine grade of sand paper (280-320).

Apply a further 2 coats for general applications and a minimum of 3 coats for marine or industrial users.

Application

DO NOT Paint directly from the can.

Dispense a quantity of Pelucid into a separate container and seal can immediately, making sure the groove is free of paint. Use plastic foodwrap 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 and possibly cause pressure to build in the can.

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

Brush Application; Apply in even strokes and avoid rebrushing or reworking the coating, as it needs time to flow out and level itself. Can be thinned up to 10% with Xylene.

On Wooden surfaces; the first coat should be allowed cure before recoating. Wood has a tendency to become rough with the first coat, so sand it smooth again with 320 grit. Follow with a second or third coat. Allow each coat to dry off - generally 3 to 5 hours depending on humidity levels.

Recoating

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.

Spraying.

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 spraygun can ruin your job. Thin 10% to 20% if required. Avoid temperatures over 83°F (28°C) where possible. 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.

Curing

Pelucid can be cut with regular compounds if you have a run or imperfections, but it is best to leave it for a week or two before cutting to make sure the coating is hard (runs may take longer to fully cure due to their added thickness). **Note:** if you are unfamiliar with Pelucid or spraying clearcoats, do not attempt to spray a large item first, but rather mix up a small amount and test what you are trying to achieve in a small area first.

Always remember that Pelucid will not perform as specified until it has cured for a minimum of four (4) days at an average temperature of no less than 65°F (18°C).

Special note: Organic vapor particulate respirators NIOSH / MSHA approved must be used when spraying Pelucid. Air supplied respirators should always be used when spraying in a confined area.

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