



TECHNICAL DATA SHEET
PRISTINE PU CLEAR SEALER

Description

Polyurethane Clear Sealer is the best in class premium sealer, medium solid fast drying, good sandability. It is suitable for application over wooden surfaces in interior, and has an applicable pot life of 3 hrs.

Product

WPTEU001L01I

Woods for which the product is suitable

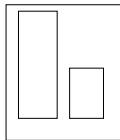
- Hard wood
- Veneer Ply wood

Product Properties POLYURETHANE CLEAR SEALER

In Can Appearance :Free Flowing Liquid Slightly Yellowish tone
 In Can Viscosity :90 ± 10 Sec B4 Cup @30°C Viscometer
 Non Volatile Material :52 ± 2%
 WPL (weight per litre :0.98 ± 0.02 gm./ml
 Shelf Life :1 Year (from date of mfg.)

** Note – Product shelf life is determined at minimum temperature 10°C (50° F) maximum temperature 35°C (95°F)

Mixing Ratio



2 Parts by Volume - Pristine Clear Sealer
 1 Part by Volume – Pristine Sealer hardener
 2:1

Complementary Products

Quantities

Hardner	Pu sealer Hardener	In weight p/p %	48.5
		In volume v/v %	50
	Solid content	27 ± 2	
Thinner	Pu Medium Thinner	In weight p/p %	45
		In volume v/v %	50

READY TO USE PRODUCT PROPERTIES

	Solid content 1st +2nd component(%)	44 ± 2
	Pot life @ 30°c	2.5-3 hrs
	Viscosity (Ford 4 cup)	17 ± 2
Application		Quantities
	Curtain	gr/m ² min-max: 150 - 160
	Hand spray	gr/m ² min-max: 150 - 160
Code/Gloss	CODE	Gloss level EN ISO 2813 (angle measurement 60°)
	WPTEU001L01I	NA

PRISTINE PU

Surface Preparation



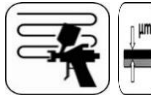
- Make Sure Proper Sanding of the Panel is done with #320-400 Mess
- No dust Particle should be present on the surface
- Remove all dust from surface using clean quality rags or wiping towels.
- Apply Coat of Pristine clear sealer,
- Sand the panel Properly, make sure no orange peel is seen on the panel.
- Apply another 1 Coats of Pristine PU Clear Sealer

Spray Gun Set Up



- Gravity Feed (Orifice) – 1.4 – 1.6 mm
- Air Pressure – 35-40 psi (2.4 – 2.75 Bar) at spray gun inlet.

Application



- 2 Coat Applications
- (70 – 75) μ - spray Gun 1.4mm / (95-100) μ Spray Gun Nozzle – 1.6mm For

Spray Gun

- Flash Off in Between Coats – 2 -3 min @30°C, RT – 65%

Products and Additives

Pristine Pu Clear sealer
 Pristine Pu Sealer Hardener
 Pristine Pu Thinner

Product Properties After Application



- Dust Free Time: 15 – 20 min
- Sandability Dry : 1-1.5 Hrs

*Note – All results are considerable at RT – 30°C & RH – 65%.

Coverage



Theoretical Coverage – 40-45 Sq. ft. per litre At 70-75 Microns DFT at 30⁰C. The practical material usage depends on many factors i.e. shape of the object, roughness of the surface, application techniques, application pressure, application method and application circumstances.

Product Performance Properties

- Gloss - Semi-Matt finish
- Orange Peel – No orange Peel
- Cross Hatch adhesion – 2 mm (100*100mm)
- PU Thinner Rub test – 10 times -Pass
- Finish-smooth

**Note – Product Shelf Life is determined when product is stored unopened at 30°C(86°F). Avoid Much temperature Fluctuation.