



**TECHNICAL DATA SHEET
PRISTINE PU CLEAR MATT 50%**

Description

Polyurethane Clear Matt provides the subtle matte finish, which ensures that wood grains are well highlighted with masked imperfections, gives excellent chemical and scratch resistance. It is suitable for application over wooden surfaces in interior, and has an applicable pot life of 3 hrs.

Product

WPTCS000L01I , WPTCS000L04I , WPTCS000L40I

Woods for which the product is suitable

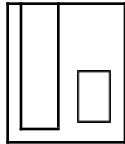
- Hard wood
- Vineer Ply wood

Product Properties POLYURETHANE CLEAR MATT

In Can Appearance :Free Flowing Liquid Slightly Yellowish tone
 In Can Viscosity :90 ± 5secs @30°C Ford cup B4
 Non Volatile Material :48 ± 2%
 WPL (weight per liter) :1.01± 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 50% Matt Clear
 1 Part by Volume – Pristine Matt hardener

2:01

Complementary Products

Quantities

Hardener	Pu Matt Hardener	In weight w/w %	48.5
		Solid Content	
Thinner	Pu Medium Thinner	In weight w/w %	45
		In volume v/v %	50

READY TO USE PRODUCT PROPERTIES

	Solid content 1st +2nd Component (%)	42 ± 2
	Pot life @ 30°C	3-3.5 hrs
	Viscosity (Ford 4 cup)	18 ± 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°)
	WPTCS000L01I WPTCS000L04I WPTCS000L40I	Sheen- 13 ± 2

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 2 Coat of Pristine clear sealer,
- Sand the panel properly, make sure no orange peel is seen on the panel.



- Apply 2 Coats of Pristine PU Clear Matt

- Gravity Feed (Orifice) – 1.4 – 1.6 mm



- Air Pressure – 35-40 psi (2.4 – 2.75 Bar) at spray gun inlet.

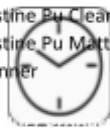
- 2 Coat Applications
- (65 – 75) μ - spray Gun 1.4mm / (85-100) μ Spray Gun Nozzle – 1.6mm For

Spray Gun

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

Products and Additives

Pristine Pu Clear matt
Pristine Pu Matt Pristine Pu
Thinner



- Dust Free Time: 15 – 20



- Touch Dry : 30-35
- Handability Dry -
3-3.5 hours @30°C

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

Theoretical Coverage – 40-45 Sq. ft. per liter At 60-65 Microns DFT at 30⁰ The C.

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.

• Gloss - Matt finish

• Orange Peel – No orange Peel

• Cross Hatch adhesion – 2 mm (100*100mm)