



**Description**

Pristine PU White Matt gives excellent chemical and scratch resistance with matt final appearance of surfaces, which ensures excellent evenly spread color to mask imperfections.. It is suitable for application over wooden surfaces in interior and has an applicable pot life of 4 hrs.

**Product**

**WPTCU111K01I**

**Woods for which the product is suitable**

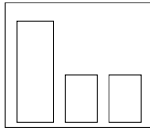
- Hard wood
- MDF

**Product Properties**

In Can Appearance	:Free Flowing White Liquid
In Can Viscosity	:90 ± 10Krebs Unit @30°C Viscometer
Non Volatile Material	:65 ± 2%
WPL ( weight per litre)	:1.35 ± 0.03 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 Weight – Pristine WMatt  
 1 Part by Weight – Pristine WMatt hardener  
 1 Part by wweight- Pristine Pu Thinner  
 2:1:1

**Complementary Products**

		Quantities	
Hardner	<b>WWIHU030L12I</b>	In weight w/w %	50
		In volume v/v %	52
Thinner	<b>WBPW600110</b>	In weight w/w %	60
		In volume v/v %	66

**READY TO USE PRODUCT PROPERTIES**

	Pot life @ 30°C	3-3.5 hrs
	Viscosity (Ford 4 cup)	18 ± 2
Application	Quantities	
	Curtain	gr/m <sup>2</sup> min-max: 160 - 180
	Hand spray	gr/m <sup>2</sup> min-max: 160 - 180



Code/Gloss	CODE	Gloss level EN ISO 2813 (angle measurement 60°)
	WPTCU111K01I	Sheen- 20 ± 2
	WPTCU111K01I	Sheen- 50 ± 2

**Surface Preparation**



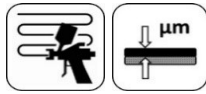
- Make Sure Proper Sanding of the Panel is done with #320-400 Mess
- No dust Particle should be present on the surface
- Remove all dust from surface using clean quality rags or wiping towels.
- Apply 2 Coat of white filler,
- Sand the panel Properly, make sure no orange peel is seen on the
- Apply 2 Coats of WAI PU White Matt

**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**



Spray Gun

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

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

**Products and Additives**

- Pristine PU WMatt
- Pristine Wmatt hardener
- Pristine PU Thinner

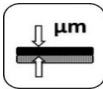
**Product Properties After Application**



- Dust Free Time: 15 – 20 min
- Touch Dry : 25--30 min
- Handability Dry - 3-3.5 hours @30°C

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

**Coverage**



Theoretical Coverage – 50-55 Sq. ft. per litre At 70-80 Microns DFT at 30<sup>0</sup>C. 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 - Matt finish
- Orange Peel – No orange Peel
- Cross Hatch adhesion – 2 mm (100\*100mm)
- PU Thinner Rub test – 20 times -Pass
- Finish-smooth
- Humidity Resistance – 240 C x RH 90% x 500hrs.
- Water resistance - 40°C/500 Hrs
- Alkali TEST (5% Nacl solution)– Pass
- Acid Test (5%H2SO4)- Pass
- PU Thinner Rub test – 20 times-Pass

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