



**TECHNICAL DATA SHEET
PRISTINE PU WHGLOSS**

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Description

Pristine 2K PU Glossy White is high solid fast drying, early hardness pickup, and has applicable pot life of 3 hrs, high abrasion resistant, with high build coating & a pencil Hardness of 2H.

Product

WPTCU119K01I,WPTCU119K12I

Woods for which the product is suitable

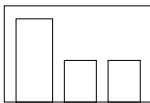
- Non resinous softwood
- Light colour hardwood
- MDF

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) :1.30 ± 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










1 Parts by Weight – Pristine WHGLOSS
 1 Part by Weight – Pristine WHgloss hardener
 1 Part by weight- Pristine Pu slow Thinner
 2:1:1

Complementary Products

		Quantities		
Hardner	Pu WHGloss Hardener	In weight w/w %	100	
		In volume v/v %	135	
	Solid Content %	26± 2		
Paint Mixing Qty(by volume & Weight)	Paint by Volume	Base-400 ml	Hardener-540- ml	Thinner-300ml
	Paint By Weight	Base-400 gm	Hardener-400 gm	Thinner- 200 gm
Thinner	Pu Medium Thinner	In weight w/w %	23	
		In volume v/v %	32	

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

PRISTINE PU WHGLOSS			
	Code/Gloss	CODE	Gloss level EN ISO 2813 (angle measurement 60°)
		WPTCU119K12I	Sheen- 95 ± 5
	Surface Preparation		
	 <ul style="list-style-type: none"> 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 Pu White filler, Sand the panel Properly, make sure no orange peel is seen on the panel. Apply 2 Coats of Pristine PU White HGloss 		
	Spray Gun Set Up		
	 <ul style="list-style-type: none"> Gravity Feed (Orifice) – 1.4 – 1.6 mm Air Pressure – 35-40 psi (2.4 – 2.75 Bar) at spray gun inlet. 		
	Application		
	  <ul style="list-style-type: none"> 2 Coat Applications (65 – 75) μ - spray Gun 1.4mm / (85-100) μ Spray Gun Nozzle – 1.6mm For <p style="text-align: center;">Spray Gun</p> <ul style="list-style-type: none"> Flash Off in Between Coats – 2 -3 min @30°C, RT – 65% 		
	Products and Additives		
<ul style="list-style-type: none"> Pristine PU WHGloss Pristine WHgloss hardener Pristine PU slow Thinner 			
Product Properties After Application			
 <ul style="list-style-type: none"> Dust Free Time: 15 – 20 min Touch Dry : 25--30 min Handability Dry - 4-4.5 hours @30°C Hard Dry - 24 hours @30°C <p>*Note – All results are considerable at RT – 30°C & RH – 65%.</p>			
Coverage			
 <p>Theoretical Coverage – 50-55 Sq. ft. per litre At 70-80 Microns DFT at 30^oC. 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.</p>			
Product Performance Properties			
<ul style="list-style-type: none"> Gloss - Glossy 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 <p>**Note – Product Shelf Life is determined when product is stored unopened at 30°C(86°F). Avoid Much temperature Fluctuation.</p>			