

INFINITY CLEAR SEALER



TECHNICAL DATA SHEET INFINITY CLEAR SEALER

Description

Infinity Clear Sealer is the best in class premium sealer, High 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

RIFEQ000L01I

Woods for which the product is suitable

- Hard wood
- Veneer Ply wood

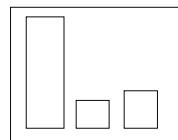
Product Properties

POLYURETHANE CLEAR SEALER

In Can Appearance	: Free Flowing Liquid
In Can Viscosity	: 75 ± 5 secs @30°C Ford cup B4
Non Volatile Material	: 49 ± 2%
WPL (weight per litre)	: 1.02 ± 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



4 Parts by Volume – Infinity Clr Sealer
1 Part by volume – Infinity clr Sealer hardener
30 - 35% by Volume- Pu Medium Thinner

Complementary Products

Quantities

Hardner	Pu Clear Sealer Hardener	In weight w/w %	25.49	
		In volume v/v %	25	
	Solid Content %	54± 2		
Paint Mixing Qty(by volume & Weight)	Paint by Volume	Base-500 ml	Hardener-125 ml	Thinner-210 ml
	Paint By Weight	Base-500 gm	Hardener-127.4 gm	Thinner- 213 gm
Thinner	Pu Medium Thinner	In weight w/w %	34	
		In volume v/v %	34	

READY TO USE PRODUCT PROPERTIES

	Solid content 1st +2nd component(%)	50 ± 2
	Pot life @ 30°C	2.5 - 3 hrs
	Viscosity (Ford 4 cup)	18 ± 1
Code/Gloss	CODE	Gloss level EN ISO 2813 (angle measurement 60°)
	WPTCU011L01I	NA

INFINITY CLEAR SEALER

Surface Preparation



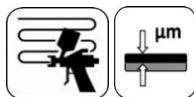
- Make Sure Proper Sanding of the Panel is done with #220-320 Mess
- No dust Particle should be present on the surface
- Remove all dust from surface using clean quality rags or wiping towels.
- Apply 2 Coat of Infinity clear sealer,
- Sand the panel Properly, make sure no orange peel is seen on the panel.
- Apply 2 Coats of Infinity Clear Matt/ Clear High gloss

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
- (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

Infinity Clear Sealer

Infinity Clear Sealar Hardener

Pu Medium Thinner

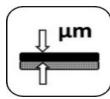
Product Properties After Application



- Dust Free Time : 20 – 25 min
- Touch Dry : 30-35 min
- Sandability Dry : 2.5-3 hours @30°C

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

Coverage



Theoretical Coverage – 35-40 Sq. ft. per litre At 80-90 Microns DFT at 30°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 - 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.