

INFINITY EXT. CLEAR HIGH GLOSS



TECHNICAL DATA SHEET INFINITY EXT. CLEAR HIGH GLOSS

Description

Infinity Ext. Clear High Gloss is high quality premium finish, provides the best in class mirror- like shine. This paint has a non-yellowing formula to provide a crystal-clear look to suit your painting needs. Featuring a gloss finish, this paint is ideal for use on wood and has an applicable pot life of 3 hrs.

Product

RIFCU001M901

Woods for which the product is suitable

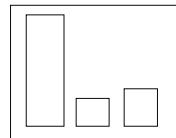
- Hard wood
- Veneer Ply wood

Product Properties

In Can Appearance	:	Free Flowing Liquid
In Can Viscosity	:	35 ± 3 secs @30°C Ford cup B4
Non Volatile Material	:	42 ± 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



4 Parts by Volume – Infinity Ext. Clr High Gloss
1 Part by volume – Super hardener
30 - 35% by Volume- Pu Medium Thinner

Complementary Products

Quantities

Hardener	Super Hardener	In weight w/w %	25	
		In volume v/v %	25	
	Solid Content %	44± 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-125 gm	Thinner- 210 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(%)	42 ± 2
	Pot life @ 30°C	2 - 3 hrs
	Viscosity (Ford 4 cup)	17 – 21
Code/Gloss	CODE	Gloss level EN ISO 2813
	WPTCU011L01I	> 90

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Surface Preparation



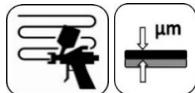
- Make Sure Proper Sanding of the Panel is done with #220-320 Mess
- No dust Particle should be present on the surface
- Remove all dust from surface using clean quality rags or wiping towels.
- Apply 2 Coat of Pristine clear sealer,
- Apply 2 Coats of Infinity Ext. Clear High Gloss.

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 Ext. Clear High Gloss Base

Super Hardener

Pu Medium Thinner

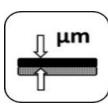
Product Properties After Application



- Dust Free Time : 15 – 20 min
- Touch Dry : 30-35 min
- Handability Dry : 2.5-3.5 hours @30°C

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

Coverage



Theoretical Coverage – 40-45 Sq. ft. per litre At 35 – 45 Microns DFT at 30C. 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 - 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

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