



TECHNICAL DATA SHEET
KOSMIC EXT. CLEAR HIGH GLOSS

Description

Kosmic 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

RIFCU001M90I

Woods for which the product is suitable

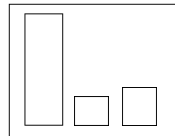
- Hard wood
- Veneer Ply wood

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 – Kosmic 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 |

KOSMIC EXT. CLEAR HIGH GLOSS

Surface Preparation



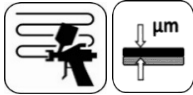
- Make Sure Proper Sanding of the Panel is done with #220-320 Mess
- No dust Particle should be present on the surface
- Remove all dust from surface using clean quality rags or wiping towels.
- Apply 2 Coat of Pristine clear sealer,
- Apply 2 Coats of Kosmic Ext. Clear High Gloss.

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



Spray Gun

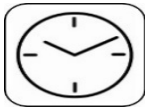
- 2 Coat Applications
- (65 – 75) μ - spray Gun 1.4mm / (85-100) μ Spray Gun Nozzle – 1.6mm For

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

Products and Additives

Kosmic Ext. Clear High Gloss Base
 Super Hardener
 Pu Medium Thinner

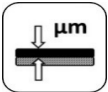
Product Properties After Application



- 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.