



Brand – Nax Superio Radiant

RADIANT PU UV CLR HIGH GLOSS

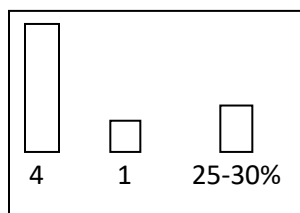
Product Description

Radiant PU UV Clr High Gloss is all acrylic Glossy clear which provides Excellent Gloss ,fast drying, hardness ,excellent transparency and polish ability. Product is designed to provide excellent Durability in exterior application.This product also provides very good chemical and stain resistance properties. It Comes with Unique Trio pack comprising of Radiant PU UV Clr High Gloss, Hardener and Thinner.

Properties

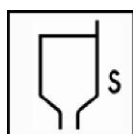
- Appearance – Clear and Translucent Liquid
- Supply Viscosity @ 30° C 47 +/- 5 seconds by B4 cup
- Non Volatile Material in percentage- 28 +/-2
- For well -stored products at around 70°F-95°F (20°C-35°C) without much temperature fluctuations, a shelf life of 2 year can be expected.

Mixing Ratio



4 parts Radiant PU UV Clr High Gloss
1 part Radiant Std Hardener
25-30 % Radiant Thinner
Pot Life 3 Hrs.

Application



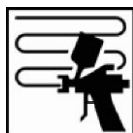
Spray Viscosity – 18 – 22 Secs in B4 Cup at 30°C



Spray gun	Fluid set-up	tip	Application Pressure
Gravity Feed	1.3–1.4 mm		40 to 45 psi at the spray gun air inlet for conventional guns For HVLP- 25-30 Psi For Compliant – 35-40 Psi

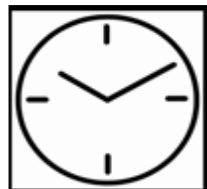
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- Apply 2 single passes, allowing for 5 -10 minutes of flash off time.

Drying Time



- Dust Free Dry – 20-25 Min - air drying at 30°C and 65% Relative Humidity
- Dry to handle - 3-4 Hours at 30 Deg C and 60- 65% Relative Humidity
- Hard dry 24 hours

Film Thickness & Material usage

- Dry Film Thickness – 40-45 microns for 2 coats application at 30°C
- Theoretical Coverage of 80-90 Sq.Ft per lit for a 2 coat application at 30°C @ 40-45 Microns. 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 Features

- Radiant Radiant PU UV Clr High Gloss provides Excellent durability, stain and chemical resistance for protection of Wood in exterior applications
- Product is providing excellent gloss and is very easy to for polishing.
- Product has very easy application properties with excellent flow and levelling
- Product is available in 1 Litre Trio and 20 Litre packs

Surface Preparation

- Dry sand the wood with P80 followed by P120 and P180 depending upon the wood condition.
- Apply one coat of Universal Filler in two passes with 5-10 Min flash off in between. Allow it to dry for 3-4 hours. Apply second coat of Filler .All the second coat to dry for 5-6 hours.
- Sanding of the filler after first coat should be done with P 320 emery paper.
- Sanding of the filler after second coat should be done with P400 emery paper.
- After sanding apply One Coat of UV Gloss Clear in two passes with 5-10 Min of Flash off in between.
- Second of clear can be applied after 18-24 hours of drying
- For best results use Nax eco abrasives and Paint Finishing Compounds

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