

# Radiant U.V Sealer

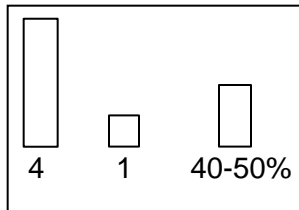
## Product Description

Radiant U.V Clear sealer is acrylic filling clear which Provides excellent filling, unmatched Drying speed and excellent transparency. Product is designed for suitability for interior and exterior applications. It Comes with Unique Trio pack comprising of UV Sealer, hardener and thinner.

## Properties

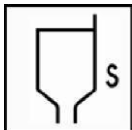
- Appearance – Clear and Translucent Liquid
- Supply Viscosity @ 30° C 110 +/-10 seconds by B4 cup
- Non Volatile Material in percentage- 48+/-2
- For well -stored products at around 70°F-95°F (20°C-35°C) without much temperature fluctuations, a shelf life of 2 year can be expected.

## Mixing Ratio



4 parts Radiant UV Sealer  
 1 part Radiant Std Hardener  
 40-50 % Radiant Thinner  
 Pot Life 3 Hrs.

## Application



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



Spray gun	Fluid-tip set-up	Application Pressure
Gravity Feed	1.4–1.6 mm	40 to 45 psi at the spray gun air inlet for conventional guns For HVLP- 25-30 Psi For Compliant – 35-40 Psi

- Apply 2 single coats, allowing for 8-10 minutes of flash off time.



The Product is suitable strictly for professional use only. The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our products, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the products for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein are for general information

**NIPPON PAINT INDIA PVT LTD**  
 26-Okhla Industrial Estate,  
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**Drying Time**

- Dust Free Dry – 15- 20 Min - air drying at 30°C and 65% Relative Humidity
- Dry to Sand- 2-3 Hours at 30 Deg C and 60- 65% Relative Humidity
- Dry hard – 24 Hours

**Film Thickness & Material usage**

- Dry Film Thickness – 50-60 microns for 2 coats application at 30°C
- Theoretical Coverage of 70-80 Sq.Ft per lit for a 2 coat application at 30°C @ 50-60 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 U.V Sealer provides excellent wetting of wood with excellent transparency.
- Product is very easy to sand providing excellent base for topcoat finish
- Product provides excellent Mechanical and chemical resistance properties with very high durability.
- 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 U.V Sealer 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 Sealer after first coat should be done with P 320 emery paper.
- Sanding of the Sealer after second coat should be done with P400 emery paper.
- After sanding apply Radiant glossy/Matt clear coats.
- For best results use Nax eco abrasives and Paint Finishing Compounds

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