

**PRODUCT CODE - 3301**  
**RICHWOOD SUPERIO UNIVERSAL PU CLEAR MATT 2.1**

**Description**

Richwood Superio is 2K high performance Polyurethane (PU) coating which is based on Pure Acrylic Resin of high functionality and cured with Aliphatic Isocyanate. The UV absorber in it makes Richwood Superio suitable for both exterior and interior environment. It can withstand extremely aggressive environment and seasonal variations without losing its aesthetics and durability.

**Areas of Application**

Recommended for use on plywood, Nu-wood, timbers, and veneers. Articles such as Kitchen cabinets, doors windows, floors, and wooden furniture of all kind.

**Surface Preparation**

**Substrate:** The surface to be painted should be free from dirt, dust, oil, grease, or any other contaminations. Richwood Superio 2K PU Sealer to be applied, dried, and smoothened by sanding prior to application of Richwood 2K PU Matt.

**Over coating after weathering or ageing:** Need to ensure that old coating is fully cleaned and is free from contamination such as oil, grease etc. before application of further coats of RICHWOOD SUPERIO PU SEALER CLEAR (3:1) & Richwood Superio Matt Clear Coat.

**Technical Data**

Colour	: Water White Matt
Finish	: Glossy, Smooth and Free from any surface defects
Viscosity- Seconds by F4/30°C	: Base 300 ± 10 Hardener 14 ±1
Flash Point	: 25 °C
Surface Dry	: 15 Min at 30 C
Touch Dry	: 45 Min at 30 °C
Hard Dry	: Overnight, 30 °C
Shelf Life	: One Year when stored under shade below 35 °C.
Mixing Ratio - Base: Hardener	: 2:1 by Volume
Application Method	: Conventional Spray
Application Viscosity	: 20-25 Seconds by Ford Cup No. F4 at 30 °C
Pot Life	:3.0 Hours at 30°C (Pot Life decreases with increase in room temperature)
Dry Film Thickness (DFT)	: Apply PU White to achieve DFT of about 30-40 Microns (viscosity can be adjusted to achieve required DFT). If required one more coat can be applied to achieve still higher DFT.
Over coating Interval	: Minimum 6 Hours Maximum 5 days at 30 °C

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**APPLICATION CONDITIONS**

PU Paints are overly sensitive to moisture and Humidity. High humidity during painting may adversely affect the appearance and performance of PU Paint. Avoid painting PU Matt Clear when atmospheric Temperature is below 5 °C.

**THINNER**

Depending upon application conditions and results to be achieved thinner intake may vary from 2% to 5%. Use PU Thinner No. 099 to thin down the paint to required viscosity.

**PREVIOUS COAT**

RICHWOOD SUPERIO PU CLEAR SEALER (3:1) should always be applied as sealer coat directly on wooden substrate prior to application of Richwood Superio 2K PU Matt Clear. Sealer coat should be dried, sanded and tack ragged before application of Richwood 2K Superio PU Matt Clear.

**SUBSEQUENT COAT**

None, can be over coated with itself to increase the DFT to get better aesthetics and longer protection.

**SAFETY**

**2k PU MATT CLEAR-UNIVERSAL** Paints are solvent based products, user need to take safety precaution which are applicable to all the petroleum based inflammable products. Use PPE while using PU Paints and follow National Safety Standards for use of PU Paints. Painting should be done in open and ventilated place. Use Foam based fire extinguishers in case of fire. Keep it away from direct fire/ flame and store the product under the shade below 35 degree Centigrade.

The Product is for Industrial use only. Product data given here is correct to the best of our knowledge but their accuracy may vary depending upon the quality of the substrate, application parameters and atmospheric conditions affecting the performance of the product. Therefore the users are advised to make their own tests to determine the suitability of products for their own purposes under present conditions. Unless agreed upon in writing, we do not accept any liability for the performance of the product. We hereby disclaim any warranties or representations, liability, including but not limited to negligence, injury, consequential losses or damages arising from the use of the Products as recommended above. Product data are subject to change without notice.

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**PRODUCT DATA SHEET**  
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