

## RICHWOOD SEALER 6320

WOOD COATINGS  
NC-based product, Matt finish

### Description:

RICHWOOD SEALER 6320 is high viscosity sanding sealer based on Nitrocellulose crafted with a distinctive formulation, this clear sanding sealer is intended to penetrate and seal interior wood substrates, whether bare or stained, in preparation for the application of a clear varnish topcoat. The clear satin finish it imparts not only enhances the natural wood grain but also facilitates superior sanding, ensuring a smooth application and appearance of the varnish finish coat. Its rapid drying time and exceptional durability make it an ideal choice as an intermediate varnish coating.

This product conforms to company specification No.56320 as per ministerial decree No. 181/1996

### Features:

- Penetrates & Seals
- Resists Flaking & Chipping
- Excellent Durability
- Easy to Apply
- Fast Dry
- Promotes Excellent Sanding Properties
- Enhances Wood Grain
- Dries Clear

### Physical Properties:

Color	Clear	
Appearance	Transparent	
Gloss	Matt	
Solid Content by volume	48% ±2	
Specific Gravity	1.01 ± 0.05	
Thinning	Up to 200% Duco Thinner	
Theoretical Spreading Rate	10 - 12 Sqm/Kg/Coat <i>(The Actual coverage depends on substrate nature, porosity &amp; method of application)</i>	
Average Dry Film Thickness	60-70 µm	
Drying Time	Touch Dry:	4 – 6 Minutes
	Hard Dry:	40 – 60 Minutes
	<i>When relative humidity is higher than 50%, double the required time. Drying times listed may vary depending on wood porosity, temperature, humidity, film build, and air movement.</i>	

### Application Conditions:

Temperature: 10 to 30°C (ideal 20°C ± 5°C). Relative humidity: Ideal between 15 and 55%, maximum 85%.

Maintain these conditions during the application and the following 24 hours.

Low temperature, high humidity, thick films, or poor ventilation extend drying time.

### Surface Preparation:

**New Surfaces:** The entire surface area shall be clean, dry sound and free from all dirt, grease, oils, waxes and any other surface contaminants. Surface area should be sanded smooth with 180 - 220 grit sandpaper. Thoroughly remove any sanding dust from the surface area with a vacuum and/or tack cloth. Repair/replace any damaged and/or delaminated surface areas, such as cracks, gouges, etc. with a properly recommended wood repair and/or putty. Allow all repairs to dry thoroughly, then sand smooth before application of stains or varnishes.

**Refinish Work:** When refinishing a previously varnished surface area, the entire surface area shall be clean, dry, and sound. Lightly sand the surface area to effectively dull any existing sheen. Previously varnished surface areas that are in poor condition should be completely stripped down to the original substrate, then refinished as a new piece of woodworking.



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### Application Procedure:

Thin with Duco thinner up to 100% for cotton, brush & roller application, and up to 200% for airless spray. For the best results, it is recommended to apply with a cotton pad, a brush or roller so to effectively work sealer into wood fibers. Apply a smooth and generous coat application with the direction of the wood grain. Maintain a wet edge by brushing and/or rolling into previously applied coating area, avoiding any excessive respreading or reworking.

If applied with an airless sprayer, ensure an even coat application to effectively work RICHWOOD SEALER into wood fibers.

Allow each coat to dry thoroughly for at least 45 minutes and lightly sand between coats using sand grit # 320. Finish with a protective topcoat such as RICHWOOD 6350 PU VARNISH.

### Application Tools:

Cotton Pad	Roller	Brush	Spray Gun
Recommended			Gas or Electric Airless Sprayer
	<i>Apply using a 0.5 – 0.8 nap synthetic cover</i>	<i>Synthetic bristles (nylon, polyester)</i>	Airless Spray Guide: Nozzle tip: 0.015-0.021 inch Spray Angle: 20° - 60° Nozzle Pressure: 140 – 190 kg/cm <sup>2</sup> (2100 psi)

### Recommended Application System:

Product	New Substrates	
RICHWOOD SEALER	Number of Coats	1 - 2

### Shelf Life & Storage Conditions:

Keep in a dry and ventilated area, between 10 and 30°C away from direct sunlight, heat sources or freezing temperatures.

Under such conditions, unopened containers may be stored up to 24 months from manufacturing date.

### Disposal:

Clean up any minor spills and splatters immediately with Mineral Spirits, as well as all painting tools and airless equipment. More serious paint spills should be contained and removed with inert absorbent material. Dispose of contaminated absorbent, container, and unused contents in accordance with local regulations.

### Health & Safety Precautions:

Please observe the precautionary notice displayed on the container. Use under well-ventilated conditions wearing suitable protective clothes. Sanding and grinding dusts may be harmful if inhaled.

#### FIRST AID TREATMENT:

In case of skin contact, wash thoroughly with plenty of warm soapy water. For eye contact, flush with plenty of water for 15 minutes and get medical attention immediately. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting, get medical attention immediately.