

NuWave™

OPAQUE WATER BASE SANDING SEALER WHITE

Product Code: **280119**

NuWave™ Opaque Water Base White Sanding Sealer is a single component, high solids sealer for use with NuWave™ Water Base Opaque Finishes. Rudd NuWave products are the perfect solution for on-site applications.

Ideal For

- Doors and Millwork
- Fixtures & Displays
- Furniture
- Cabinets & Casegoods

- AIM compliant 275 g/l VOC
- NESHAP compliant—JJ (furniture)
- NESHAP compliant—QQQQ (doors & windows)

Benefits

- Non-yellowing
- Very low odor
- Exceptional adhesion
- Excellent stain blocking properties
- High Solids
- Fast dry
- Easy to sand
- Easy to use
- **Ultra low/No HAP**

APPLICATION DATA

SURFACE PREPARATION: “White sand” wood with maximum 150 grit aluminum oxide sandpaper. Remove all sanding dust. Keep free of dirt, grease, silicone oils, lubricants and other contaminants.

APPLICATION EQUIPMENT: NuWave is designed for spray application through all types of spray equipment. Use corrosion resistant equipment with water base products. Recommended settings below are with trigger pulled:

Airless	No thinning required. 1200 to 1600 psi 411 spray tip. Note: Double orifice fine finish tips are NOT recommended.
Air Assist	No thinning required. 700 to 900 psi fluid pressure 10 to 12 psi air cap, 411 spray tip.
HVLP	Thin up to 10% with clean water. 32 -34 psi air cap 1.4 to 1.8 fluid nozzle

THINNING: This product is designed to spray at package viscosity. Thinning is not recommended. However, if thinning is desired, thin sparingly with water. Thinning will reduce film build and may increase grain raise.

Note: *Thinning requirements may vary with changes in temperature and spray room conditions.*

AGITATION: This product must be kept under slow, constant agitation, to ensure proper mixing. **Do not shake.**

CLEAN UP: Use soap and water for wet product. For dried finish clean up, use lacquer thinner compliant with local air quality rules & regulations.

FINISHING SYSTEM

SEAL: To achieve maximum tannin blocking and hold out, apply **TWO** coats (3-5 mils wet) of NuWave White Opaque Sanding Sealer. Allow each coat to dry 25 minutes*. Sand with 220/320 grit silicon carbide sandpaper before finishing.

FINISH: Apply two coats (3-5 mils wet) of 280190 NuWave Opaque Pre-Catalyzed White Lacquer. Allow 50 minutes* dry time and sand with 220/320 grit silicon carbide sandpaper between coats.

If desired, additional coats may be applied up to a total dry film of 5.0 dry mils.

*Dry times will vary with film thickness, temperature, humidity and air movement.

SAFETY PRECAUTIONS

Avoid breathing vapors, use a NIOSH approved cartridge respirator. Use pre-filters to avoid breathing spray particles or sanding dust.

Read Material Safety Data Sheet and label before using.

SPECIFICATIONS	
Coverage	550 square feet per gallon @ 1 dry mil film thickness
Viscosity	77 KU (Krebs Units @ 75° F)
Sag Resistance	5 mils vertical @ 65-70° F
Solids	50.5% by weight 5.41 lbs per gallon
VOC (Volatile Organic Compounds)	Calculated: 211 g/l (1.76 lb/gal)
HAP (Hazardous Air Pollutants)	Pounds per Gallon: 0.0123 Pounds HAP per Pound Solids: < 0.8 (actual 0.0023) Pounds HAPs per Volume Solids: < 0.48 (actual 0.0347)
Dry to Sand	25 minutes @ 65-70° F
CAUTION: Thinning will reduce film build.	

APPLICATION PRECAUTIONS

- Dry times may vary due to environmental controls, humidity and application methods.
- Keep container closed when not in use. Store in the original container.
- Do not store above 100°F (38.8°C). Keep from freezing. For best results, use within 12 months of manufacture date.
- Recommended for use with Colortools™ Water Base Colorants. Do not exceed 8 fluid ounces per gallon when tinting. Stir thoroughly. Do not shake (or be sure to allow sufficient time for bubble release after shaking).
- Not recommended for use as an exterior finish.
- Test technique before using on MDF—apply very light coats to avoid excessive grain raise.
- The use of stainless steel application equipment is recommended.
- Finish, substrate and curing temperatures should remain above 60°F, extremes of temperature and humidity may affect product performance.
- Total film build of finishing system must not exceed 5.0 dry mils.
- This product has been tested on a limited number of substrates and over a limited number of coatings. The user is responsible for testing suitability and performance for their specific application.

Shipping & Storage Information

OSHA Flammability Class: Not applicable

DOT Class: Not regulated



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