

ProWave™

EXTERIOR WATER BASE CLEAR FINISH

Product Code: **280183**

ProWave™ Exterior Water Base Clear Finish is a professional quality single-component finish ideal for exterior doors and trim with moderate, indirect exposure. ProWave Exterior is specially formulated for production shop use.

Ideal For

Exterior doors
Exterior trim

AIM complaint 275 g/l VOC
NESHAP compliant—JJ (furniture)
NESHAP compliant—QQQQ (doors & windows)
Meets LEED v4

Benefits

Non-yellowing
Excellent flexibility
Exceptional moisture resistance
High Solids
Self-seal
Easy to use
Ultra low/No HAP
UV absorbers to help preserve original appearance, gloss, and physical integrity of the coating

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: ProWave Exterior 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. 1000 to 1200 psi 409 spray tip. Note: Double orifice fine finish tips are NOT recommended.
Air Assist	No thinning required. 500 to 700 psi fluid pressure, 10 to 12 psi air cap, 409 spray tip.
HVLP	No thinning required. 28 psi air cap 1.4 fluid nozzle

THINNING: This product is designed to spray at package viscosity. Thinning is not recommended. However, if thinning is desired, thin up to 10% with clean 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 and to prevent sheen variations. **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

STAIN: When staining wood, use Rudd Colortools™ Water Base Spray-Only Stain or Colortools™ Water Base Wiping Stain.

SEAL: Apply one coat (2-4 mils wet) of ProWave Exterior Water Base Clear Finish as its own sealer and allow to dry 45 minutes*. Sand with 220/320 grit silicon carbide sandpaper before finishing.

FINISH: Apply two coats (3-5 mils wet) of ProWave Exterior Finish. Allow 45-50 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	600 square feet per gallon @ 5 dry mil film thickness
Viscosity	35 Seconds, (#4 Ford Cup @ 75° F)
Sag Resistance	5 mils vertical @ 65-70° F
Solids* (GL, SG, ST, FL)	39.7 - 41.8% by weight, 3.47 - 3.65 lbs per gallon
VOC* (Volatile Organic Compounds)	Calculated: 89.3 - 91.7 g/l (0.765 - 0.728 lb/gal)
HAP* (Hazardous Air Pollutants)	Pounds HAP per Gallon: 0.013 - 0.014 Pounds HAP per Pound Solids: < 0.00 Pounds HAP per Volume Solids: < 0.00
Dry to Sand	45 minutes @ 65-70° F
Block Free	24 hours @ 65-70° F
Sheen Level	GL: >80%, SG: 55%, ST: 25%, FL: 5%
*Variations depend on gloss CAUTION: Thinning will reduce film build and increase VOCs.	

***** Contact your Sales Representative for available package sizes.*****

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. Best if used within 12 months of manufacture date.

Recommended for use with water base Colortools™ stains. If using over solvent base Colortools stains, allow stains to dry overnight prior to applying ProWave Exterior Clear Finish.

This coating will have a milky appearance in can but will dry to a clear finish.

Excessive wet film thickness will result in a “blue” coloration of film. Coloration will disappear once the coating has dried completely.

Care should be taken to seal all edges, end grain and joints to provide adequate protection from moisture penetration.

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 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.

KEEP FROM FREEZING

Shipping & Storage Information

OSHA Flammability Class: Not applicable

DOT Class: Not regulated



RUDD COMPANY, INC
Manufacturers of Quality Coatings Since 1912

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