

# ProWave™

## EXTERIOR WATER BASE OPAQUE FINISH

Product Code: **280186**

**ProWave™ Exterior Water Base Opaque 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

## 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 411 spray tip. Note: Double orifice fine finish tips are NOT recommended.
Air Assist	No thinning required. 600 to 800 psi fluid pressure, 10 to 12 psi air cap, 411 or 513 spray tip.
HVLP	No thinning required. 32-34 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

**SEAL:** Apply one coat (3-5 mils wet) of ProWave Exterior Water Base Opaque 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.

<b>SPECIFICATIONS</b>	
Coverage	600 square feet per gallon @ 5 dry mil film thickness
Viscosity	65 KU @ 75° F (Krebs Units @ 75° F)
Sag Resistance	5 mils vertical @ 65-70° F
Solids* (HSG, SG, ST, FL)	45.8 - 47.2% by weight, 3.47 - 3.65 lbs per gallon
VOC* (Volatile Organic Compounds)	Calculated: 76.0 - 78.4 g/l (0.634 - 0.654 lb/gal)
HAP* (Hazardous Air Pollutants)	Pounds HAP per Gallon: 0.004 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	HSG: >75%, 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.

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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