

DuraFlex™ II 550 Sealer

WATER-CLEAR HCV CONVERSION COATING SANDING SEALER

Product Code: **310604**

DuraFlex™ II HCV is a water-clear post-catalyzed conversion coating sanding sealer ideal for residential and commercial interior wood surfaces.

Ideal For

Furniture
Fixtures and Displays
Cabinetry & Casework
Interior wood work

AIM compliant at 550 g/l VOC
NESHAP Compliant—JJ (furniture)
NESHAP Complaint—QQQQ (doors & windows)

Benefits

Water Clear
Non-Yellowing
Excellent flow and leveling
Easy sand
Low odor
Extended pot life
Minimize waste
Ultra-low HAPs

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: This product is designed for spray application through all types of equipment. The recommended settings below are with trigger pulled.

Airless	No thinning required. Spray at 1000 to 1200 psi 411 or 513 tip
Air Assist	No thinning required. Spray at 700 to 900 psi fluid pressure 10-12 psi air cap 411 or 513 tip
HVLP	No thinning required. Spray at 28 psi through a 1.4 fluid nozzle

THINNING: This product is designed to spray at package viscosity with most application equipment. Thinning requirements may vary with changes in temperature and spray room conditions. If thinning is desired, use 652081 VOC Exempt Lacquer Thinner, 652210 No-HAP Lacquer Thinner, or Acetone.

Note: Thinning will reduce film build and may increase VOCs or HAPs, unless using VOC exempt or HAP-free solvents.

AGITATION: This product must be kept under slow, constant agitation, to ensure proper mixing.

CLEAN UP: Use acetone or suitable VOC compliant solvent.

FINISHING SYSTEM

MIXING DIRECTIONS: Add 2 fluid ounces of Rudd 03-419 Catalyst per gallon. Stir well during and after adding catalyst.

POT LIFE: 30 days @ 65-70° F.

STAIN: When staining wood, use Rudd LOW VOC versions of ColorTools™ Dye Stains, ColorTools™ Spray Only Stain, or ColorTools™ Wiping Stain.

SEAL: Apply one coat (3–4 mils wet) of DuraFlex II 550 Sealer. Allow to dry 20 minutes*, sand with 220/320 grit silicon carbide sandpaper before finishing.

FINISH: Apply one or two coats (4–6 mils wet) of 310603 DuraFlex II 550 topcoat. Allow 20 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 vary with film thickness, temperature, humidity and air flow.

SAFETY PRECAUTIONS

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

Flammable Liquid and Vapor: Keep away from heat, sparks and flame. Ensure adequate ventilation during use. Clean up spills with non-sparking tools and inert absorbent material. Store solvent and lacquer soaked rags and filters in water-filled, closed container prior to disposal. Dispose in safe, approved manner.

Read Safety Data Sheet and label before using.

SPECIFICATIONS

Coverage	300 square feet per gallon @ 1 mil dry film
Viscosity	17—19 seconds (#2 Zahn cup @ 75° F)
Sag Resistance	5 mils vertical at 65—70° F
Solids	26.5% by weight 1.98 lbs per gallon
VOC (Volatile Organic Compounds)	Calculated: 545 g/l (4.55 lb/ gal)
HAP (Hazardous Air Pollutants)	Pounds HAP per Gallon: 0.018 Pounds HAP per Pound Solids: < 0.08 (actual 0.009) Pounds HAP per Volume Solids: <0.48 (actual 0.095)
Dry to Sand	20 minutes @ 65—70° F
CAUTION: Thinning will reduce film build and may increase VOCs and HAPs unless using VOC Exempt or HAP-free thinner.	

APPLICATION PRECAUTIONS

This product MUST be catalyzed with 03-419 Catalyst. Do not catalyze with any other Rudd acid catalyst.

Do not use catalyzed product beyond 30 days after catalyzation. Usability and performance may not be determined from viscosity. Pot life will also vary with storage conditions.

Total film build of the DuraFlex II system must not exceed 5.0 dry mils.

Clear finishes will not prevent natural wood from changing color over time.

Finish, substrate and curing temperatures should remain above 60°F., extremes of temperature and humidity may affect product performance.

This product is not recommended for exterior use.

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. Prothane is formulated for use on exterior doors and trim with moderate indirect exposure to the elements.

Designed for professional use by spray application only.

Shipping & Storage Information

Flash Point: -4°F Pinsky-Martin

OSHA Flammability Class: Flammable Liquid—Class IB

DOT Class: Paint, 3, UN 1263, PG II



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Manufacturers of Quality Coatings Since 1912

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