

Interior / Exterior Waterborne Clear Sanding Sealer

Architectural Coating - Specialty

Description

Nova-Clear is a high-performance waterborne sanding sealer formulated for wood substrates. It dries quickly and sands easily. When applied according to the manufacturer's recommendations and topcoated with Nova-Clear finish, the complete coating system meets or exceeds applicable Kitchen Cabinet Manufacturers Association (KCMA) performance requirements.

Recommended Uses

For wood substrates only. Ideal for kitchen and bathroom cabinetry, architectural millwork, furniture, and shutters. Use on new, bare wood, wood stripped to bare wood, or properly prepared stained wood. For previously coated wood, skip the sanding sealer and apply the Nova-Clear topcoat directly to a properly prepared surface. **Do not use on decks, siding, fences, flooring, or other large expanses of exterior wood surfaces.**

Packaging

Quarts and one gallon containers

Surface Preparation

Surfaces must be clean, dry, and free of grease, oil, dirt, and other contaminants that may interfere with adhesion. Sand with 150-180 grit sandpaper and remove all sanding dust.

Application

Mix the material thoroughly before use and periodically during application. Avoid excessive or high-speed agitation, which may introduce air and create bubbles or foam. Apply when the air, material, and surface temperatures are at least 50°F and the relative humidity is below 80%. For best results, use conventional, HVLP, airless, or air-assisted airless spray equipment. For small areas, use a high-quality synthetic-bristle brush.

Recommended Tip Sizes:

Airless	.008-.012 in FF
Air-Assisted Airless	.011-.013 in
Conventional	.055-.070 in
HVLP	.055-.070 in (with #3 or #4 Needle)

Thinning

Use at package consistency.

Recommended Film Thickness per Coat

Wet = 3.0 - 4.0 mils Dry = 1.0 - 1.3 mils

Coverage

400 - 500 sq ft per gallon, depending on the application method and the porosity of the substrate.

Drying Time

Air Dry @ 77°F & 50% RH

Touch: 30 minutes
Sand/Recoat: 45 minutes
Stackable: 24 hours

Force Dry @ 110°F

Touch: 30 minutes
Sand/Recoat: 45 minutes
Stackable: 6-8 hours

Allow a 10-15 minute flash-off before force-drying, then cool for 15 minutes.

Solids by Volume:	35% ±2%
Solids by Weight:	36% ±2%
VOC:	< 100 g/L
Weight Per Gal:	8.3 lbs
Viscosity:	80-90 sec Zahn Cup #4

Performance Data

KCMA Finish Tests:

Heat Test	Pass
Cold Test	Pass
Spill Test	Pass
Stain Test	Pass

Approved Companion Products

NC10 Nova-Clear Matte
NC30 Nova-Clear Eggshell
NC40 Nova-Clear Semi-Gloss
NC50 Nova-Clear Gloss

Conformance

SCAQMD Rule 1113 Architectural Coatings
Coating Category: Wood Coating; Sanding Sealer
SCAQMD Rule 1136 Wood Products Coatings



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