



PRODUCT DATA

NUWOOD®
H₂O Waterborne Polyurethane
Gloss 372-35 / Satin 372-36

PRODUCT DESCRIPTION
TYPICAL USES
PRODUCT ADVANTAGES
COLORS
GLOSS
PHYSICAL CONSTANTS
APPLICATION
SHIPPING & STORAGE

A premium quality, waterborne polyurethane finish for interior wood and wood products.

For industrial, commercial and residential use on new or unpainted interior wood surfaces (see "Limitations" on back). For use on properly prepared wood surfaces of cabinets, furniture, paneling, and trim. Lead, mercury and chromate free.

NUWOOD H₂O Waterborne Polyurethane is a low-odor, fast drying, non-yellowing clear wood finish with exceptional resistance to household chemicals and abrasion. This product applies and performs like a conventional polyurethane, but can be recoated quickly so that the job can be completed in one day. Low VOC.

Clear

Gloss 372-35, Satin 372-36

Nonvolatile - By weight - 26.6 + 1.0%
 By volume – 24.3 + 1.0%
 VOC (Calculated) - 1.00 lbs./gal.
 120 grams/liter

Flash Point - >250°F (Setaflash)
 Weight per gallon – 8.56 + 0.2 lbs.

Recommended Film Thickness - 1.0 mils dry, 2.4 mils wet
 Theoretical Coverage @ 1.0 mils dry - 673 sq. ft./gal.
 Method - Brush, flat applicator or conventional spray.
 Thinner - Thinning is not recommended.
 Dry time @ 75°F - To touch - 30 min
 To handle - 1 hour
 To recoat - 2-3 hours
 To sand - 3 hours

Consists of -	1 Quart Unit	1 Gallon Unit
Unit Shipping Weight	2.3 lbs.	9.2 lbs.

Shelf Life - 12 months minimum from date of manufacture when maintained in protected storage @ 40-100°F (subject to reinspection thereafter).

APPLICATION INSTRUCTIONS

Consult your Mobile Paint Representative for the protective coating system best suited for your requirements.

Limitations: Apply in good weather when air and surface temperatures are between 50°F and 90°F and relative humidity is less than 60%. For optimum application properties, material should be between 70 to 100°F prior to mixing and application. Maintain unmixed material in closed containers in protected storage at 40 - 100°F. NOTE: Not recommended for exterior use where exposed to direct weathering.

Surface Preparation: All surfaces must be clean and dry. Remove all traces of dirt, dust, grease, wax, polish, and other foreign matter. This product should not be applied over shellac, laquer, sterate containing films, or over poorly adhering varnish. These films must be removed completely and the surface finished as under new work.

New Work - New wood should be sanded with the grain using fine sandpaper. Remove dust, then tack-cloth to remove any remaining particles. Do not use steel wool as steel particles will cause flash rusting. Apply by brushing with the grain in long even strokes. Allow 2-3 hours dry time between coats under normal conditions. Sand between coats using fine sandpaper, followed by tack-cloth. Three-four coats are recommended for best results. If staining, use NUWOOD Wood Stain or water-based stain. Some re-colored stains can cause bleed-through, so test in an inconspicuous area prior to full application. Blip Seal H₂O sanding sealer may be used as a first coat on new work.

Refinishing Work – Previously finished surfaces other than those coated with shellac, laquer, or sterate containing films, if in good condition, should be cleaned thoroughly to remove any wax or debris and sanded lightly. Remove sanding dust, tack-cloth, and touch up bare areas with NUWOOD H₂O Polyurethane finish. Allow touch up to dry then finish with one or two coats as required. Allow dry time between coats as under NEW WORK.

Mixing: This is a one component coating. Always hand mix thoroughly with a paddle before application. Do not mix excessively to avoid entraining air in the coating. **DO NOT SHAKE!**

Thinning: This product is supplied at the proper application viscosity. Thinning is not recommended. See cleanup paragraph for cleanup thinner.

Application: Apply by brush, roller, lambswool applicator or conventional or airless spray. Roller application is not recommended as this can cause excessive bubbling. Apply at 2.4 mils wet film thickness which will yield 1.0 mils dry film thickness.

Equipment: Brush - Use a good quality bristle brush. Conventional spray - For suction feed, use DeVilbiss MBC gun with E tip and needle and 30 air cap or equivalent at 35-40 psi atomizing pressure. For pressure feed, use DeVilbiss MBC gun with E tip and needle and 704 air cap or equivalent at 35-40 psi atomizing pressure and 5-8 psi fluid pressure, 3/8" ID material hose, double regulated pressure tank with oil and moisture separator. Airless spray - Minimum of 28:1 ratio pump, .011"-.013" orifice tip, 1/4" ID material hose.

Cleanup: Clean all equipment immediately after use with water. Occasional flushing of spray equipment during the course of the working day helps prevent buildup and possible clogging.

Safety: Safe storage, handling and use dictate that adequate health and safety precautions be observed with this product and any recommended thinners. User is specifically directed to consult the current Material Safety Data Sheet for this product as well as precautions contained on product labeling.

Notice: The technical data contained herein are true and accurate to the best of our knowledge. All products are offered and sold subject to Mobile Paint Manufacturing Company's Standard Conditions of Sale. Published technical data and instructions are subject to change without prior notice.

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LIMITED WARRANTY

The successful performance of this product is highly dependent on many factors beyond our control. Results are highly dependent upon the skill of the operator. This product is manufactured to meet the highest level of consistency and quality for the intended use. Mobile Paint warrants that its products meet the specifications which it sets for them. Should this product be proven to be off-specification within one year from date of shipment, Mobile Paint will, at its sole discretion, either replace the product or issue credit for the original purchase price of the product. The replacement or refund shall be the buyer's sole remedy and Mobile Paint and its affiliates **MAKE NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, DESIGN COMPATIBILITY AND FITNESS FOR A PARTICULAR PURPOSE. LABOR OR COST OF LABOR AND OTHER INCIDENTAL AND/OR CONSEQUENTIAL DAMAGES ARE SPECIFICALLY EXCLUDED.** The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.