



Product Data Sheet

PRODUCT DESCRIPTION

Old Masters H₂O Acrylic Polyurethane is a high quality, fast dry, water reducible finish that dries to a crystal clear finish. This product will enhance the beauty of stained¹ and natural wood as it seals and protects. Old Masters H₂O Acrylic Polyurethane will also resist yellowing.

TYPICAL USES

Formulated for use on bare and previously finished interior wood surfaces. Its super hard finish is tough enough for wood floors, cabinets, doors, furniture and tabletops in both residential and commercial settings.

COLOR

Appears milky in the can but dries to a crystal clear finish.

FINISHES AVAILABLE

Gloss	75+ @ 60°
Semi-Gloss	50-60 @ 60°
Satin	25-30 @ 60°

PHYSICAL PROPERTIES (Gloss)

Resin Type	Acrylic
Reduction Solvent	Water
Clean-up Solvent	Water
Solids by Weight	32 %
Solids by Volume	29 %

Recommended Dry Film
Thickness per Coat 1 – 2 mils

Wet Film to Achieve DFT 3.5 – 7 mils

Theoretical Coverage
@ 1 mil 464 ft²/gallon

Practical Coverage at
Recommended DFT² 232 – 464 ft²/gallon

Dry Times³
@ 70° F (21° C)
and 50% R.H. Touch 15 minutes
Recoat 1 to 2 hours

VOC's < 275 grams/liter

¹ Waterborne clears may have a tendency to yellow over solvent/oil-based white or pastel colored stains. In addition, oil-based stains must be completely dry before topcoating with H₂O products.

² Spread rates are estimates based on products volume solids and make no allowance for material loss during application. Actual spread rates may vary dependent on applicator experience, surface porosity and texture.

³ Dry times may vary depending upon temperature, humidity and degree of air movement.

SPECIFICATIONS

Interior Wood

Self Sealing
3 cts Old Masters H₂O Acrylic Polyurethane
or
1 ct Old Masters H₂O Acrylic Sanding Sealer
2 cts Old Masters H₂O Acrylic Polyurethane

Old Masters H₂O Acrylic Polyurethane may also be used as a clear protective coat on surfaces painted with latex paint. A test area is recommended to ensure the final appearance is satisfactory.

Old Masters H₂O Polyurethane Satin meets or exceeds Master Painters Institute (MPI) # 128 approval standards.

Old Masters H₂O Polyurethane Semi-Gloss meets or exceeds Master Painters Institute (MPI) # 129 approval standards.

Old Masters H₂O Polyurethane Gloss meets or exceeds Master Painters Institute (MPI) # 130 approval standards.

For more detailed recommendations, please contact your local Diamond Vogel Sales Representative.

SURFACE PREPARATION

The wood surface must be clean, dry and free from dirt, dust, wax and grease. **Surfaces must be properly prepared and primed prior to application of this product.**

Bare Wood Surfaces

Sand the wood thoroughly. Begin with a medium grit sandpaper progressing to a fine grit. Always sand in the direction of the wood grain. Sand smooth and remove dust particles with a rag dampened with water.

Previously Finished Wood Surfaces

Sand with a fine grit sandpaper to remove surface imperfections and gloss. Remove all sanding dust with a clean rag dampened with water.

APPLICATION

- DO NOT SHAKE! Stir material prior and during use.
- Equipment must be clean prior to start. Flush airless lines with clean water.
- Apply by brush, roller or spray. A good quality natural bristle brush will make application easier. Use a ¼" nap mohair or foam roller cover. An airless tip size of .011 to .013 is recommended.
- Apply the product in full even coats and maintain a wet edge. If brushing, apply liberally, working quickly to insure an even coat.
- Allow the product to dry 1 to 2 hours before recoating. Sand lightly between coats with a very fine sandpaper (220 grit) to produce a finer finish. Remove sanding dust with a damp cloth. Three coats are recommended for greatest durability.
- Thinning is normally not required. If thinning is necessary for workability, add up to one (1) pint water per gallon.

ENVIRONMENTAL VARIABLES

Minimum surface and air temperature required for application is 50° F (10° C). Curing is affected by temperature, humidity and air movement. The minimums must be maintained for at least eight (8) hours in order to achieve proper film formation. Application at elevated temperatures and/or low humidity may require special application procedures to achieve proper film formation.

Recommended conditions: temperatures between 60° F (15° C) and 90° F (32° C); relative humidity between 30% and 70%.

CLEAN-UP

Clean up all equipment using warm water. Rinse with clean water and allow to dry.

CAUTIONS

For interior use only
Do not apply below 50° F
Protect from freezing
Do not take internally
Use with adequate ventilation

KEEP OUT OF REACH OF CHILDREN

*WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how to protect yourself and your family by contacting the national Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Limited Warranty

The technical data and suggestions for use contained in this document are true and correct to the best of our knowledge at the date of issuance. The statements of this document do not constitute a warranty, expressed or implied, as to the performance of these products. Since Diamond Vogel Paints does not control the application of its products, or the condition of the surfaces to which they are applied, Diamond Vogel Paint's liability will under no circumstances exceed replacement of the product.