



Product Data Sheet

PRODUCT DESCRIPTION

Old Masters Penetrating Stain is a fast drying wood stain for use on all types of interior wood. It fills, seals and provides a deep rich color that enhances the natural beauty of the wood without raising the grain.

TYPICAL USES

Formulated for use on new or bare interior wood surfaces. Ideal for use on cabinets, woodwork, paneling, doors, furniture and floors.

COLOR

Available in 13 factory mixed wood tone colors, Natural and Pickling White. All colors may be intermixed to achieve custom hues: Pickling White may be tinted to a variety of pastels.

PHYSICAL PROPERTIES

Resin Type	Oleoresinous
Clean-up Solvent	Mineral Spirits
Solids by Weight	34-41%
Solids by Volume	29 %

Theoretical Coverage @ 1 mil	288 ft ² /gallon
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Practical Coverage at Recommended DFT ²	250 – 275 ft ² /gallon
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Dry Times³

@ 70° F (21° C) and 50% R.H. (allow to dry a minimum of 24 hours when top coating with a waterbased finish)	Touch 1 to 2 hours Recoat 4 hours
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VOC's	550 grams/liter
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1 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.

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

SPECIFICATIONS

Interior Wood

Old Masters Penetrating Stain may be topcoated with any of the following finishing systems:

- Old Masters H₂O Acrylic Clear Finishes
- Old Masters Polyurethanes
- Diamond Vogel CW-Series Alkyd Varnishes
- Diamond Vogel CL-Series Lacquers

This product meets or exceeds Master Painters Institute (MPI) # 90 approval standard.

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 prior to application of this product.**

Bare Wood Surfaces: (used as a stain)

- Sand the wood thoroughly; begin with a medium grit sandpaper progressing to a fine grit. Always sand in the direction of the wood grain. Remove dust particles with a lint free rag or a tack rag.
- For a smooth top coat on open grain woods such as oak, mahogany, walnut, ash, etc. you may stain and fill in one application by adding one (1) part Penetrating Stain to two (2) parts Old Masters Woodgrain Filler.

Previously Finished Wood

- Restore the surface to bare wood by scraping, sanding or chemical strippers. Follow the surface preparation directions above for bare wood.

Mixing/Special Colors

- Factory mixed colors can be intermixed to achieve custom hues. Natural and Pickling White can be tinted by adding up to ½ pint per gallon of universal colorant. To lighten a factory mixed color, mix with Natural in any proportion till desired effect is achieved.
- Color depth will vary according to wood type and application method used. Test stain in an inconspicuous area before applying. For a deeper color, allow first application to dry, then apply a second coat. For a lighter color, apply stain and wipe with a cloth dampened in mineral spirits before stain dries.

APPLICATION

- **DO NOT THIN.** Stir well before and during use. For project requiring more than one container of the same color, intermix to avoid any color difference.
- Equipment must be clean prior to start. Flush airless lines with mineral spirits or paint thinner.
- Apply by brush, cloth or spray. A good quality natural bristle brush will make application easier. A lint-free rag or lambskin pad type applicator is also recommended. Airless tip sizes of .011 to .013 are recommended.
- Apply the product in even coats. Allow the stain to penetrate 2 to 5 minutes. Before the stain dries, wipe off the excess with a clean, soft, lint-free cloth; wipe across the grain first, then with the grain. For a darker color, apply a second coat, allowing the product to dry thoroughly between coats and before applying a topcoat.

ENVIRONMENTAL VARIABLES

Minimum surface and air temperature required for application is 40° F (4° C). While this product is not subject to freezing, curing is affected by temperature, humidity and air movement. Cold temperatures will increase drying time. Application at elevated temperatures, wind conditions and/or low humidity may require special application procedures to achieve proper film formation. Do not apply to surfaces that are damp.

CLEAN-UP

Clean up all equipment using mineral spirits.

CAUTIONS

For interior use only
Do not apply below 40° F
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.