

TECHNICAL DATA SHEET

OLD MASTERS® HIGH RESIN • HIGH SOLID POLYURETHANE

AVAILABLE SIZES: Gallon (01) and 5 Gallon (05)

PRODUCT CODES: 481 Gloss
482 Semi-Gloss
483 Satin

PRODUCT DESCRIPTION: Old Masters® High Resin-High Solid Interior Oil-Based Polyurethane is a self-leveling, oil-based clear finish formulated for use on interior wood, metal and fiberglass surfaces. Easy application and quick drying, this polyurethane will provide lasting, durable protection from abrasion, mar-ring, chipping, alcohol and water. Great for use on interior wood surfaces such as floors, bars, counters, tabletops, cabinets, wood paneling and doors. This product is low VOC and non-toxic when dry.

SURFACE PREPARATION: All surfaces must be clean, dry and free from dirt, wax, grease, glue and other contaminants or penetration and adhesion will be affected. DO NOT apply over sealers containing stearates.

Bare Wood: Sand surface thoroughly with medium grit sandpaper and progress to fine grit sandpaper. Always sand in the direction of the wood grain. Remove dust with a tack rag.

Previously Finished Surfaces: Surface should be sanded to remove imperfections and gloss, using extra fine sandpaper (220 grit), sanding with the grain. Remove dust with a tack rag.

Stained Surfaces: Stain must be thoroughly dry before applying clear finish. Do not sand un-coated stained surface.

Note: When paste wood fillers are used, remove excess material by sanding. To create a finer topcoat finish, we highly recommend Old Masters® Sanding Sealer be applied prior to the application of a clear top coat. Apply sealer, allow to thoroughly dry, lightly sand and remove dust.

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 a 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.

APPLICATION: Stir thoroughly before and during application. DO NOT SHAKE. For larger projects requiring more than one container, combine containers and mix to ensure gloss uniformity. Do not apply in direct sunlight or areas of extreme air movement.

1. Apply with pure bristle or polyester brush, low nap applicator or spray. A low nap applicator is suggested for large flat areas, such as floors.
2. Apply a thin coat.* Flow on with minimum brushing to achieve a glass-like finish. For wood floors, use a low nap applicator or a natural bristle brush and maintain a wet edge to avoid lap marks. Keep area dust free.
3. Polyurethane will dry to touch in 6 to 8 hours. Overnight drying is recommended.
4. Sand lightly between coats with fine sandpaper (220 grit) to produce a finer finish and promote adhesion. If sandpaper gums up allow more dry time. Remove sanding dust.
5. Reapply. For most projects, two coats are recommended. For maximum durability on floor applications, we recommend three coats.

*This product is specially formulated with a higher concentration of resins and solids, leading to a thicker consistency. We highly recommend applying in thin coats.

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THINNING: Do not thin. Use as packaged.

COVERAGE: Approximately 800 to 1000 square feet per gallon. Coverage will vary significantly depending on application method and condition of wood.

DRYING TIME: Apply when air and surface temperatures are between 60° and 90°F and humidity is between 30% and 70%. At 50% relative humidity and 70°F, Interior Oil-Based Polyurethane will dry to touch in 6 to 8 hours. Overnight drying is recommended before recoating. Dry time will be affected by temperature, humidity and film thickness. Protect product from freezing prior to and during application.

Wait 24 hours before subjecting surfaces to light use. Care should be used during the first week after application as the finish is curing to its ultimate hardness. In floor applications, avoid heavy traffic and replacing of furniture for 72 hours after the final coat. When replacing furniture, do not slide. Do not install rugs or clean floors for 7 days.

CLEAN UP: Using a cleaning solvent, such as paint thinner or mineral spirits, is recommended for cleanup. The use of paint thinners or mineral spirits may violate VOC compliancy in your area. Check with your local government agencies to ensure proper compliancy.

To avoid spontaneous combustion during temporary storage, soak soiled rags and waste immediately after use in a water-filled, closed metal container.

MAX VOC: 350 grams/liter (2.9 lbs/gal)

TECHNICAL DATA

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| GLOSS: | @ 60° Gloss 90+ Semi-Gloss 50-65 Satin 15-20 | RECOMMENDED DFT PER COAT: | 1-2 mills DFT |
| SOLIDS BY WEIGHT: | Gloss 62.3% Semi-Gloss 45.9-46% Satin 43.8-43.9% | WEIGHT PER GALLON: | 7.6-8.9 lbs |
| SOLIDS BY VOLUME: | Gloss 56.5-56.6% Semi-Gloss 40.8-40.9% Satin 38.6-38.7% | FLASH POINT: | 102°F |
| V.O.C.: | 350 grams/liter | VISCOSITY AT 77 °: | Gloss 25-30 sec. #2 Zahn Cup Semi-Gloss 38-40 sec. #2 Zahn Cup Satin 38-40 sec. #2 Zahn Cup |
| THEORETICAL COVERAGE @ Mil DFT: | Gloss 907 sq ft/gal Semi-Gloss 655 sq ft/gal Satin 619 sq ft/gal | AVERAGE DRY TIME @ 70°F AND 50% R.H.: | Approximately 6 to 8 hours |
| COVERAGE @ RECOMMENDED DFT | Gloss 590 sq ft/gal Semi-Gloss 584 sq ft/gal Satin 578 sq ft/gal | VEHICLE: | Oil/Urethane |
| | | RECOMMENDED THINNER: | Do not thin. Used as packaged. |

Limited Warranty Since Old Masters[®] does not control the application of its products, nor is the condition of the surface to which they are applied, a Limited Warranty provided. If the products do not perform as specified, for whatever reason, Old Masters[®] liability will under no circumstances exceed the replacement of the product.