

MASTERS ARMOR®

INTERIOR WATER-BASED CLEAR FINISH



Next-Generation Water-Based Finish for Use on
Interior Wood Surfaces

- Applies easily
- Superior durability on floors
- Dries quickly
- Available in flat, satin, semi-gloss, and gloss sheens



Old Masters
CRAFTSMAN QUALITY FINISHES

The Ultimate in Protection and Appearance

Masters Armor® Interior Water-Based Clear Finish will provide a beautiful clear finish using cutting-edge technology. This product will enhance your wood project by being easy to apply and fast-drying while providing excellent clarity and superior durability. Masters Armor can be used on floors, cabinets, furniture, or almost any type of woodwork. Available in flat, satin, semi-gloss and gloss sheens.

Recommended Applications

- For use on interior wood surfaces
- Suitable for bare wood and previously finished surfaces
- Can be used on floors, cabinets, tabletops, furniture, or almost any type of woodwork



Optional Part B Hardener

- Hardener additive provides maximum protection on high traffic floors, bar tops, or tabletops.
- **Easy Three-Step Directions:**
 1. Add four ounces of Part B Hardener per gallon of Masters Armor.
 2. Mix in slowly.
 3. Stir thoroughly.
- Pot life is 72 hours once added to Masters Armor.

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 OR INJURY, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a National Institute for Occupational Safety and Health (NIOSH) approved respirator to control lead exposure. Clean up carefully with a High Efficiency Particulate Arrestance (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.

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 use over shellac, lacquer, filler, stains, or sealers containing stearates. After sanding, remove sanding dust with vacuum or damp cloth. DO NOT use a tack rag to remove dust, as it may leave a residue that will interfere with adhesion.

New Wood: Sand surface thoroughly with medium grit sandpaper and progress to fine grit sandpaper. Always sand in the direction of the woodgrain. Do not use steel wool.

Please note: Testing is very important when applying this product over paints or stains because the appearance of these products may change when a water-based finish is applied. This product gives a soft amber color that ONLY becomes noticeable when applied over white or pastel paints and stains.

Previously Finished Surfaces: Surface should be sanded to remove imperfections and gloss, using extra fine sandpaper (220 grit) and by sanding with the grain. Do not use steel wool.

Stained Surfaces: Thoroughly dry stain before applying clear finish. Allow oil-based stain to dry a minimum of 48 hours in good drying conditions before top coating. Do not sand uncoated stained surface.

Floors: Masters Armor is an excellent self-sealing clear finish on wood floors. For added protection, chemical resistance, and superior durability, we recommend mixing Masters Armor Part B Hardener (sold separately). Add the entire Part B four ounce container to one gallon of Masters Armor and stir thoroughly before use.

Applying Masters Armor

Stir thoroughly before and during application. DO NOT SHAKE. Test the finish on an inconspicuous area to ensure adequate adhesion. Masters Armor appears milky in the can but dries clear. Do not apply in direct sunlight or areas of extreme air movement. Masters Armor is an excellent self-sealing clear finish. Do not use a sanding sealer prior to Masters Armor application.



STEP 1 Apply with a synthetic fiber brush, foam brush, flat pad, or sprayer. A lambswool applicator may be used for large, flat areas.

STEP 2 Apply in full, even coats in the direction of the grain. If brushing, apply liberally and keep a wet edge, working quickly to ensure an even coat. Apply with care to prevent bubbles in the finish.

STEP 3 Allow one to two hours before recoating. Sand lightly between coats with fine sandpaper (220 grit) to produce a finer finish. If sandpaper gums up, allow more drying time. Remove sanding dust.

STEP 4 Reapply. Three coats are recommended for greatest durability.

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Thinning: Thinning is not recommended, but if necessary, a small amount of water may be added. For spray applications, up to eight ounces or a half pint may be used if needed.

Coverage: At recommended wet film thickness of three to five mils, coverage will be approximately 300 to 400 square feet per gallon. Coverage will vary significantly depending on application method and condition of wood.

Clean Up: Wash brushes and equipment in warm, soapy water. Rinse clean.

Drying Time: Apply when air and surface temperatures are between 60°F and 90°F and humidity is between 30% and 70%. At 50% relative humidity and 70°F, Masters Armor will dry to touch within 30 minutes and be ready to recoat after one to two hours. Drying time will be affected by temperature, humidity, and film thickness.

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. Protect product from freezing prior to and during application.

| Masters Armor Product Information | Flat | Satin | Semi-Gloss | Gloss |
|--|--|----------------|----------------|----------------|
| Gloss Levels at 60° | 5 to 10 | 25 to 30 | 45 to 55 | 75+ |
| Solids by Volume | 32.4% | 29.6% | 29.3% | 29% |
| Solids by Weight | 35.9% | 32.2% | 31.7% | 31.4% |
| Weight per Gallon | 8.8 lbs | 8.6 lbs | 8.6 lbs | 8.6 lbs |
| Recommended Wet Film Thickness per Coat | 3 to 5 mils | | | |
| Coverage at Recommended Dry Film Thickness | 300 to 400 sq. ft./gal | | | |
| Flash Point | > 201°F | | | |
| Viscosity at 77° #2 Zahn | 22 to 27 secs. | 25 to 30 secs. | 23 to 28 secs. | 23 to 28 secs. |
| Dry Time | Approximately 1 to 2 hours at 70°F and 50% Relative Humidity | | | |
| Vehicle | Water | | | |
| Solvent System | Water | | | |
| VOCs | See Technical Data Sheet | | | |

Order/Reorder Information

| Sheen | Quart | Gallon | 5 Gallon |
|------------|-------|--------|----------|
| Flat | 72004 | 72001 | 72005 |
| Satin | 72104 | 72101 | 72105 |
| Semi-Gloss | 72204 | 72201 | 72205 |
| Gloss | 72304 | 72301 | 72305 |

| | |
|------------------------|-------|
| Part B Hardener (4 oz) | 72432 |
|------------------------|-------|



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