



Technical Data Sheet

ASCEND EXTERIOR™ WATER-BASED CLEAR FINISH

Description

Protect the beauty and integrity of exterior surfaces with Old Masters Ascend Exterior Water-Based Clear Finish. Ascend Exterior is a clear, durable finish designed for exterior application on wood, fiberglass, coated metal, or painted surfaces and contains ultra-violet absorbers for advanced sun protection. Use on properly prepared exterior surfaces, such as railings, outdoor furniture, above water-line marine surfaces, as well as doors including wood, fiberglass, and steel. It can also be used on interior windowsills and door frames for added ultra-violet protection. **DO NOT USE** on wooden decks, steps or fences, wood siding, log homes, or surfaces below the water-line.

Product Codes

Matte	Quart	71004
	Gallon	71001
	Five Gallons	71105
Satin	Quart	71104
	Gallon	71101
	Five Gallons	71105
Semi-Gloss	Quart	71204
	Gallon	71201
	Five Gallons	71205
Gloss	Quart	71304
	Gallon	71301
	Five Gallons	71305

Surface Preparation

All surfaces must be clean, dry, and free from dirt, wax, grease, glue, and other contaminants. **DO NOT** use over shellac, lacquer, filler, stains, or sealers containing stearates. After sanding, remove sanding dust with a vacuum or damp cloth. **DO NOT** use a tack rag to remove dust as it may leave a residue that will interfere with adhesion.

Bare Wood

Thoroughly sand surface; starting with medium grit sandpaper progressing to fine grit sandpaper. Always sand in the direction of the wood grain. Do not use steel wool.

Previously Finished Surfaces

The surface should be sanded to remove imperfections and gloss using fine sandpaper. Do not use steel wool.

Stained Surfaces

Stain must be thoroughly dry 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.

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.** Test the finish on an inconspicuous area to ensure adequate adhesion. Ascend Exterior Water-Based Clear Finish appears milky in the can but dries clear. Do not apply in direct sunlight or areas of extreme air movement.

- Apply with a synthetic fiber brush, foam brush, flat pad, or sprayer. A short nap roller may be used for large flat areas but must be brushed immediately to alleviate air bubbles.
- Apply in full even coats in the direction of the grain. Do not over apply. Over applying can produce a milky appearance. Do not over-brush or create excess air bubbles.
- Sand lightly between coats with fine sandpaper to produce a smoother finish. If sandpaper gums up allow more dry time. Remove sanding dust.
- Reapply. Allow to dry according to recommendations before recoating. Three coats are recommended for minimum protection. Additional coats are recommended for wood, fiberglass, and steel exposed to direct sunlight.
- Thoroughly coat all sides of your project to ensure proper seal to protect against moisture. If all sides are not properly sealed, moisture can seep under the existing finish and cause coating failure.
- Do not use on decks or areas that are subject to foot traffic.

Application (continued)

- Thinning is not recommended.

Apply when air and surface temperatures are between 60° and 90°F and humidity is between 30 and 70%. Protect from freezing prior to, during, and for 24 hours after application.

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 wood amber that ONLY becomes noticeable when applied over white or pastel paints and stains.

Maintenance

As with all exterior clear finishes, this product will not offer unlimited protection against the elements. Surfaces that receive direct sunlight may have to be re-coated annually to maintain gloss and to prevent cracking and peeling.

Clean Up

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

Cautions

CAUTION! Do not take internally. Close container after each use. Protect from freezing. KEEP OUT OF REACH OF CHILDREN.

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 is 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.

Technical Data

Gloss Levels at 60°

Matte	15 to 20
Satin	25 to 30
Semi-Gloss	55 to 60
Gloss	75+

Product Information

Solids by Volume	29% ± 2%
Solids by Weight	32% ± 2%
Weight per Gallon	8.6 pounds
Viscosity at 77°F with #2 Zahn	30 to 40 seconds
Flash Point	> 201°F
VOCs	< 140 g/L

Coverage

Recommended Dry Film Thickness per Coat	1 to 2 mils
Square Feet Per Gallon	230 to 465
Theoretical Square Feet at One Mil	465

Dry Times at 70°F and 50% Humidity

Touch	30 minutes
Topcoat	1 hour
Light Service	24 hours

Dry times will be affected by temperature, humidity, and film thickness. Care should be used during the first week after application as the finish is still curing to its ultimate hardness.