



Weather Protector® Interior/Exterior Acrylic Latex Stain 44-series/1412series

Acrylic Emulsion

PRODUCT DESCRIPTION
TYPICAL USES
PRODUCT ADVANTAGES
COLORS
GLOSS
PHYSICAL CONSTANTS
APPLICATION
SHIPPING & STORAGE

A premium quality 100% acrylic latex stain for interior or exterior use. Lead, mercury and chromate free.

For commercial and residential use in staining all bare new wood and previously unfinished wood such as rough-sawn or smooth siding, clapboard, beams, shakes, shingles and fences as well as previously stained or painted wood surfaces. Also for staining interior paneling, trim and other unfinished wood surfaces. For homes, condominiums, apartments, warehouses or commercial buildings.

Weather Protector® Interior/Exterior Acrylic Latex Stain when used as a solid hide stain protects and beautifies the wood while allowing the natural texture of the wood to show through. Solid hide stain can be used over previously stained or painted surfaces. Can also be mixed as a semi-transparent stain to allow the texture and wood grain to show through. Lead, mercury and chromate free. Low VOC.

Weather Protector® Interior/Exterior Acrylic Latex Stain allows custom mixing hundreds of color possibilities in either a solid hide or semi-transparent stain. (See "Limitations" and "Tinting" on back)

Flat

- Nonvolatile -** By weight - 37.8 ± 1.0%
By volume - 25.8 ± 1.0%
- VOC (Calculated) -** 1.77 lbs./gal.
(excluding water) 212 grams/liter
- Flash Point -** > 250°F (Setaflash)
- Weight per gallon -** 10.0 ± 0.2 lbs.

Recommended Film Thickness - 1.5 mils dry, 5.8 mils wet

Theoretical Coverage @ 1.5 mils dry - 275 sq. ft./gal.

Method - Brush, roll, conventional and airless spray.

Thinner - Water

- Dry time @ 75°F -** To touch - 30 minutes
To handle - 1 hour
To recoat - 2 hours

Consists of -	1 Gallon Unit	5 Gallon Unit
Unit Shipping Weight	11 lbs.	53 lbs.

Shelf Life - 12 months minimum from date of manufacture when maintained in protected storage @ 40-100°F (subject to reinspection thereafter).

APPLICATION INSTRUCTIONS

Consult your Mobile Paint Representative for the protective coating system best suited for your requirements.

Limitations: Apply in good weather when air and surface temperature are above 50°F and surface temperature is at least 5°F above the dew point. For optimum application properties, material should be between 70 to 100°F prior to mixing and application. Maintain unmixed material in closed containers in protected storage at 40 - 100°F. Do not apply to uncured wood or masonry. May be applied to damp but not wet surfaces. Do not apply late in the afternoon or when there is a threat of rain or moisture condensing on the uncured paint. Do not apply in direct sun or on hot surfaces. 1412-40 Clear Base is for tinting only. DO NOT USE AS A CLEAR FINISH.

Surface Preparation: Good surface preparation is essential to a satisfactory coating system. Trapped internal moisture is the main cause of blistering paint. Vent problem areas prior to painting. Surfaces to be coated should be clean and dry. Remove all dirt, dust, oil, grease, mildew, rust, loose or cracked paint or other contamination. Remove mildew by scrubbing with a solution of 3 tablespoons of nonammoniated dry household laundry detergent and 1 quart hypochlorite bleach in 1 gallon of warm water. Protective gloves, clothing and goggles should be worn when using this solution to avoid skin and eye irritation. Quickly wash off any of the solution that touches your skin. After scrubbing, rinse thoroughly with water and allow to dry.

New or Unfinished Exterior Surfaces: Wood: Remove sap with mineral spirits. Spot prime nail heads, siding joints, etc. prior to caulking. Allow caulk to dry thoroughly before painting. Spot prime knots for extra protection from bleeding. Make sure that exposed end grain is well primed. Sand rough areas. Surface may be primed WEATHER-TITE™ 100% Acrylic Latex Universal Primer 6-6 or 6-30. **Masonry:** Must be fully cured, dry and clean. Allow a minimum of 30 days cure time. If surface is chalky, power wash to remove chalk and prime with Lox-Chalk™ Sealer 70-2. **Aluminum Siding:** Scrub with a mixture of household detergent and water. Rinse clean with water. **Ferrous metal:** Remove rust. Prime with RUS-KIL® Primer 10-series. **Galvanized metal:** Remove oil with mineral spirits.

New or Unfinished Interior Surfaces: Wood - For semi-transparent stain effect, putty and spackle as necessary and allow to thoroughly dry. Sand wood smooth and remove sanding dust.

Previously Painted Surfaces: Repair all damaged areas. Remove loose and badly cracked paint by wire brushing, scraping, sanding or other method to provide a sound surface. Sand smooth all rough areas and feather edge areas of peeled coatings. Remove gloss from previous coatings by sanding. Spot prime all bare areas. If doubt exists concerning compatibility of this coating with the previous system, apply coating to a representative area (25 square feet minimum) and allow to cure and age several weeks. Then inspect for adhesion failure, wrinkling, lifting, blistering or any other sign of incompatibility. If there are no signs, coating work can proceed.

Tinting: The Color Studio Tint Base 1412 series provides hundreds of color possibilities and should be used only after the addition of the proper amount of Color Studio colorant.

1412 series MUST NOT BE USED ALONE AS A CLEAR FINISH. These Tint Bases are short filled to allow for the addition of colorant. Actual coverage will depend on the amount of colorant added and should be taken into consideration when ordering. Some colors may require more than one coat for complete hiding. The 1412 series can be used to mix either solid hide or semi-transparent stains.

Mixing: This is a one component coating. Always mix thoroughly with a power agitator before application.

Thinning: This product is supplied at normal brushing viscosity. If thinning is necessary thin up to 1/2 pint per gallon with water.

Application: Apply by brush, roller or conventional or airless spray. Roller application may require special care to prevent bubbling and more than one coat to obtain proper film thickness. Apply at 5.8 mils wet film thickness which will yield 1.5 mils dry film thickness. For interior surfaces where a wiping stain effect is desired, allow stain to penetrate surface for 5 to 10 minutes and wipe off excess with a clean, lint free cloth. A damp cloth can be used for removing more of the stain. **Note:** Experiment on a piece of similar scrap wood or an area that does not show to determine the most pleasing color and appearance.

Topcoating: Interior surfaces which have been stained using the wiping stain method can be topcoated with a clear varnish for greater protection and appearance. Use NUWOOD® Polyurethane Gloss 72-35 or Satin 72-36.

Equipment: Brush - Use a good quality nylon brush. Roller - All purpose, good quality roller with 3/8" nap maximum. Conventional spray - For suction feed, use DeVilbiss MBC gun with E tip and needle and 30 air cap or equivalent at 40-45 psi atomizing pressure. For pressure feed, use DeVilbiss MBC gun with E tip and needle and 704 air cap or equivalent at 40-45 psi atomizing pressure and 5-8 psi fluid pressure, 3/8" ID material hose, double regulated pressure tank with oil and moisture separator. Airless spray - Minimum of 28:1 ratio pump, .013"-.015" orifice tip, 1/4" ID material hose.

Cleanup: Clean all equipment immediately after use with warm, soapy water. Completely flush all spray equipment with this solution. Occasional flushing of spray equipment during the course of the working day helps prevent buildup and possible clogging. Final flushing of spray equipment with mineral spirits will prevent corrosion.

Safety: Safe storage, handling and use dictate that adequate health and safety precautions be observed with this product and any recommended thinners. User is specifically directed to consult the current Material Safety Data Sheet for this product as well as precautions contained on product labeling.

1412-40(03/09)

LIMITED WARRANTY

The successful performance of this product is highly dependent on many factors beyond our control. Results are highly dependent upon the skill of the operator. This product is manufactured to meet the highest level of consistency and quality for the intended use. Mobile Paint warrants that its products meet the specifications which it sets for them. Should this product be proven to be off-specification within one year from date of shipment, Mobile Paint will, at its sole discretion, either replace the product or issue credit for the original purchase price of the product. The replacement or refund shall be the buyer's sole remedy and Mobile Paint and its affiliates **MAKE NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, DESIGN COMPATIBILITY AND FITNESS FOR A PARTICULAR PURPOSE. LABOR OR COST OF LABOR AND OTHER INCIDENTAL AND/OR CONSEQUENTIAL DAMAGES ARE SPECIFICALLY EXCLUDED.** The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.