



TECHNICAL DATA

SOLID COLOR 100% ACRYLIC DECKING STAINS #1800 SERIES

DESCRIPTION

Recommended Uses:

Cabot® Solid Color 100% Acrylic Decking Stains are extremely durable exterior stains for use on all wood decking, outdoor furniture and fencing, as well as cement patios and walkways. This exceptionally long-lasting, 100% acrylic finish is also water repellent and fade resistant. It will resist scuffing and dirt/scuff marks. Solid Color 100% Acrylic Decking Stains are ideal for use on most types of lumber including redwood, cedar, cypress, pine and fir, as well as pressure-treated wood. Solid Color 100% Acrylic Decking Stain is easy to apply, dries quickly and cleans up with soap and water. They provide excellent adhesion to new, previously stained or painted surfaces which are in a clean, sound condition. For use on: Decks, fencing, wood patios, porches, outdoor furniture, steps, railings and cement patios.

Composition:

Richly pigmented, opaque, 100% acrylic-based stain.

Finish:

Dries to a uniform, durable, low-lustre finish.

Colors:

Available in 2 ready-mixed colors, including white. Additional colors may be achieved with four tint bases—White Base #1801, Neutral Base #1806, Deep Base #1807 and Medium Base #1808. Special shades may be ordered in quantities of 50 gallons or more at an extra charge of 25%.

Tinting:

White, Neutral, Medium and Deep Bases may be tinted with compatible universal colorants.

Coverage:

Approximately 150-250 square feet per gallon. These rates will vary depending upon the porosity and type of surface. Spread rates will increase when applying a second coat.

Packaging/Containers:

Available in one-gallon containers.

Restrictions:

Do not thin. Do not apply in direct sunlight, to hot surfaces or when the air and surface temperature is below 50°F or may fall below 50°F. Do not apply over wet surfaces or when rain is imminent. Protect stored containers from freezing. Do not use Neutral, Medium or Deep Bases without the addition of universal colorants. Not intended for siding surfaces. For siding, use PRO.V.T.® Solid Color Acrylic Stain or *The Finish* House & Trim Paint. **Not intended for interior surfaces. For exterior use only. Weathered and/or reconditioned wood surfaces require an application of Cabot Problem-Solver® Oil Primer prior to topcoating. Do not apply over freshly applied Decking Stain (#1400 Series) or Cabot Clear Solution®. Either strip these coatings or wait one year for the coating to weather sufficiently.**

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Environmental Impact:

This product is in compliance with V.O.C. (Volatile Organic Compounds) requirements for Specialty Architectural Coatings. Call Cabot's Technical Services & Support for additional information pertaining to current V.O.C. rulings.

Cleanup and Disposal: Clean brushes and equipment using warm water with soap or detergent. Close container when not in use. Dispose of empty cans or unused portion in accordance with local, state and federal regulations. Material Safety Data Sheet (MSDS) available upon request.

Physical and Chemical Data:

Drying Time: Dries to touch in approximately 1 hour. Recoat after 4-6 hours. Allow 24 hours dry time before walking or placing furniture on newly stained surfaces.

Weight: 9.28 - 10.7 pounds per gallon.

Flash Point: Not applicable (water-based product).

Film Thickness: 3 mils.

Shelf Life: At least ten years in closed original containers at room temperature.

Mildew Resistant: Yes

% Solids (weight): 37.7 - 48.9

% Solids (volume): 30.68 - 34.5

% Pigment (weight): 12.39 - 28.4

Viscosity: 80 - 90 Krebs units (Tinted), Stormer Viscometer at 77°F (25°C).

Pigment Type: Titanium Dioxide, Iron Oxide Pigments, Light Fast Organic Pigments, Silica.

Vehicle Type: 100% acrylic polymer system.

Solvent Type: Water

V.O.C. Content: Maximum of 250 grams/liter (2.079 lbs/gal.).

Gloss: 10 - 15 maximum with a 60° glossmeter.

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APPLICATION

Surface Preparation:

Proper surface preparation is the key to maximum product performance. The durability of this product can be impaired by an unsound or poorly prepared surface. It is very important that the surface be clean of all dirt and sufficiently dry. (Moisture content must be below 15%, or wood must be exposed to dry weather a minimum of 3 to 5 days.) Previously painted, stained or weathered wood surfaces should be scrubbed with Cabot Problem-Solver® Wood Cleaner and a stiff bristle brush. Cabot Problem-Solver Wood Brightener can be used to easily remove nail and metal rust stains, stains caused by extractive bleeding, and renew the wood's appearance. Use Cabot Problem-Solver Strippers (8004 & 8005) to safely remove all stains and paints from wood surfaces in order to prevent product failure and to create a sound surface for maximum adhesion. Power washing has proven to be effective in removing the surface layer of all loose wood fibers, dirt, chalky residue, flaking paint and stain and other foreign matter.

Weathered Wood: Reconditioned wood requires the use of Cabot Problem-Solver Oil Primer prior to topcoating with Cabot Solid Color Decking Stain.

New Masonry: Allow new masonry surfaces to cure for 30 days before coating with Solid Color Decking Stain.

Application of Coating:

Finishing: Stir thoroughly before and occasionally while using. Intermix containers of the same color. **This product requires a two-coat application.** Apply evenly with a high-quality polyester brush, roller, paint pad or spray. When rolling or spraying, always backbrush immediately to ensure uniformity. Best results can be obtained by using a high-quality nylon brush. Recoat depending upon exposure or wear every 2-3 years.

Spray Application: Recommended tip sizes and adjustments for spray application are 0.021" - 0.023" at 2-3000 PSI with a fan width of 5-8 inches; one gun. When using HVLP spray equipment, see manual for proper set-up instructions.

Precautions:

Do not apply in direct sunlight, to hot surfaces or when air or surface temperature is below 50°F (10°C) or may fall below 50°F (10°C). Do not apply over wet surfaces or when rain is imminent. Protect stored containers from freezing. Do not use Neutral, Medium and Deep Bases without the addition of universal colorants. **Not intended for siding surfaces. Do not thin. For exterior use only.** NOTICE: Dark colors derived from tinting Neutral Base may show "scuff" or "scratch" marks more readily than light colors. In addition, dark colors absorb and retain more heat than light colors when exposed to direct sunlight.

AVAILABILITY

Cabot Wood Care Products are sold throughout the United States and Canada. For a list of Cabot dealer locations, please contact Cabot's Technical Services & Support at 1-800-US-STAIN.

WARRANTY

If this product does not perform as stated on the label after you apply it according to label directions, Cabot will either replace this product or refund its purchase price, at its option. Cabot disclaims all other implied or expressed warranties. Cabot will not provide or pay for labor for removal or application of the product. This warranty excludes all incidental or consequential damages. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

MAINTENANCE

Minimal because Cabot Solid Color Decking Stains will resist scuffing and are dirt resistant. Allow the coating to cure 7 days before washing. Depending upon exposure or wear, evaluate restaining needs every 2-3 years.

TECHNICAL SERVICES

For additional technical information, product line color cards, fan decks, and liquid product samples, see your specialized Cabot Dealer or call the Cabot Wood Care Specialists in Technical Services & Support toll-free at 1-800-US-STAIN (877-8246).

FILING SYSTEMS

For complete model specifications and technical data on all Cabot products, visit the Cabot Home Page at: cabotstain.com.



Cabot®
Newburyport, MA 01950
Tel.: 800-US-STAIN
Fax: 1-800-998-3299
cabotstain.com