



TECHNICAL DATA

SEMI-SOLID® STAINS #6100 SERIES

DESCRIPTION

Recommended Uses:

Cabot Semi-Solid® Stains are richly pigmented, deep penetrating linseed oil-based stains that provide long lasting beauty and wood protection. These unique stains provide greater hiding power than semi-transparent stains, yet their attractive flat finish highlights the natural beauty of the wood's texture. With the extra pigmentation, Cabot Semi-Solid Stains are extremely durable and help protect wood against the sun's damaging ultraviolet rays. They are also water-repellent and, when properly applied, won't crack, peel or blister. Cabot Semi-Solid Stains are ideal for use on wood where hiding coverage is desired, yet penetrating wood protection is needed. They also provide an outstanding value as a one-coat finish for recoating previously semi-transparent stained surfaces. Cabot Semi-Solid Stains can be used on most types of smooth and rough exterior wood, including siding, shingles, log homes and roofs. They provide excellent results on reconditioned weathered wood and well-seasoned lumber such as cedar, fir, pine, cypress, spruce, redwood and plywood panel siding.

Composition:

Richly pigmented, deep-penetrating, natural linseed oil-based stain.

Finish:

Dries to a natural, flat finish.

Colors:

Available in 4 ready-mixed colors. A total of 74 colors may be obtained by using Semi-Solid Neutral and Deep Bases. Special shades may be ordered in quantities of 50 gallons or more at an extra charge of 25%.

Tinting/Intermixing:

Cabot Semi-Solid Stains may be intermixed within the Semi-Solid Stain series to achieve variations of the colors represented on the color card. Semi-Solid Neutral and Deep bases must be tinted with compatible universal colorants.

Coverage:

On smooth surfaces, approximately 400-600 square feet per gallon; on rough surfaces, 150-250 square feet per gallon. These rates will vary depending upon the porosity of the surface.

Packaging/Containers:

Available in one-gallon containers. Bases and select colors available in five-gallon containers.

Restrictions:

Do not apply over previously painted or sealed surfaces, metal, masonry or adjacent to fresh stucco. For these areas and on trim, Cabot PRO.V.T.® Solid Color Acrylic Stains and *The Finish* House & Trim Paint are recommended. When previous stain cannot be removed completely, Cabot PRO.V.T.® Solid Color Acrylic Stains are recommended. Do not use on decks. Cabot Decking Stains, as well as Cabot Solid Color 100% Acrylic Decking Stains #1800 should be used.

Do not intermix with Cabot's Water-base Semi-Solid Stains. Do not thin this product. Do not tint ready-mixed colors. **Not intended for interior surfaces. For exterior use only.**

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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 with mineral spirits.

DANGER: Rags, steel wool and waste soaked with Cabot Semi-Solid Stains may spontaneously catch fire if improperly discarded. Immediately after each use, place rags, steel wool and waste in a sealed, water-filled metal container.

Dispose of empty cans or unused portion in accordance with local, state and federal regulations. Close container when not in use. Material Safety Data Sheet (MSDS) available upon request.

Physical and Chemical Data:

Water Repellent: Yes

Drying Time: Approximately 24-48 hours, depending on temperature and humidity.

Weight: 9.36 - 9.52 pounds per gallon.

Flash Point: Over 100°F TT-P-141 method 4293 closed cup.

Film Thickness: Minimal because Cabot Semi-Solid Stains penetrate deeply into the wood.

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

Mildew Resistant: Yes

% Solids (weight): 67.73 - 68.24

% Solids (volume): 60.45 - 60.55

% Pigment (weight): 22.65 - 23.84

Viscosity: 40-55 seconds, #1 Zahn cup at 77°F (25°C).

Pigment Type: Titanium Dioxide, Silica and Silicates.

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Vehicle Type: Refined natural linseed oil/alkyd resin.

Solvent Type: Aliphatic petroleum distillates with a boiling range of 318-386°F (159-197°C).

V.O.C. Content: Maximum of 250 grams/liter (2.09 lbs./gal.).

APPLICATION

Surface Preparation:

Proper surface preparation is the key to maximum stain 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, mildew stains, loose wood fibers and other foreign matter. In order to be effective, a stain must be able to penetrate. Surfaces must be structurally sound and absolutely dry. (Moisture content must be below 15%, or wood must be exposed to dry weather a minimum of 3 to 5 days.) Previously Semi-Transparent stained or weathered wood surfaces must be either sanded or scrubbed down to bare wood. Use a detergent solution or Cabot Problem-Solver® Wood Cleaner and a stiff bristle brush, or power wash to remove the surface layer of all stain, loose wood fibers, dirt, mildew stains, chalky residue and other foreign matter. Use Cabot Problem-Solver Stripper #8004 to safely remove oil-based stains and paints from wood surfaces. Use Cabot Problem-Solver Wood Brightener to easily remove nail and metal rust stains, and renew the wood's appearance. New smooth wood that is unseasoned or appears shiny should be allowed to weather sufficiently before staining, but generally no longer than three months.

Application of Coating:

Stirring: Stir thoroughly before and occasionally while using. If the job requires more than one batch, blend them together. To avoid lap marks, start at one edge and follow through to the end of the boards.

Methods: Apply evenly with a brush or spray. Best results can be obtained by using a high-quality, natural bristle brush. If you must spray, always backbrush immediately after each section is coated to ensure proper penetration.

Spray Application: Recommended tip sizes and adjustments for spray application are 0.013" - 0.015" at 1000-1500 PSI with a fan width of 8-10 inches; one gun. When using HVLP spray equipment, see manual for proper set-up instructions.

Number of Coats: **Only one coat is recommended.** Apply evenly and sparingly or sagging and shiny areas (flashing) may develop.

Precautions:

Do not apply in direct sunlight, to hot surfaces, or when air or surface temperature is below 50°F or may fall below 50°F for 48 hours after application. Do not apply over wet or damp surfaces or when rain is imminent. Do not thin this product.

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 Semi-Solid Stains will not crack, peel or blister. Depending upon exposure or wear, evaluate restaining needs every 3-5 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.



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