



## TECHNICAL DATA

### CABOT SOLID COLOR OIL DECKING STAINS #1600 SERIES

#### DESCRIPTION

##### *Recommended Uses:*

**Cabot® Solid Color Oil Decking Stains** combine maximum color and U.V. protection with a tough alkyd resin. The results are a completely opaque finish that imparts lasting beauty for deck surfaces. Containing 100% alkyd resin, these solid color stains are extremely durable and are formulated to withstand foot traffic and wear. Cabot Solid Color Oil Decking Stains are excellent for use on most types of exterior wood decking, including pressure-treated pine, red and white cedar, fir, cypress, redwood and on hardwoods such as mahogany, cambara, meranti and other exotic wood species.

##### *Composition:*

Special blends of alkyd resins along with all-natural pigments.

##### *Finish:*

Dries to a uniform opaque finish.

##### *Colors:*

Available in high-hiding Ultra White (#1612) and four bases for tinting all Cabot colors. Special shades may be ordered in quantities of 50 gallons or more at an extra charge of 25%.

##### *Tinting/Intermixing:*

Cabot's Solid Color Oil Decking Stain is available in four tint bases; White #1601, Medium #1608, Deep #1607 and Neutral #1606. These bases must be tinted with compatible universal colorants.

##### *Coverage:*

On smooth surfaces, approximately 400-500 square feet per gallon (9.8-12.3 square meters per liter); on rougher surfaces, 250-350 square feet per gallon (6.1-8.6 square meters per liter). These rates will vary depending upon the porosity of the surface.

##### *Packaging/Containers:*

Available in one-gallon containers.

##### *Restrictions:*

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 apply adjacent to fresh stucco and masonry. Do not apply over water-based products. Do not thin this product. Not recommended for use on Incease Cedar. Not intended for interior surfaces. **For exterior use only. To ensure desired appearance and proper drying time, always finish a small test area before proceeding.**

#### TECHNICAL DATA

**For Emergency Medical Information  
Contact Chem-Tel at: 1-800-255-3924**

##### *Environmental Impact:*

These products are in compliance with V.O.C. (Volatile Organic Compound) requirements for Specialty Architectural Coatings under current regulations. 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. Dispose of empty cans or unused portion in accordance with local, state, and federal regulations. Close container when not in use. Material Safety Data Sheets (MSDS) are available upon request.

**DANGER: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after each use, place rags, steel wool or waste in a sealed, water-filled metal container and dispose of according to local regulations.**

##### *Physical and Chemical Data:*

*Drying Time:* Approximately 8 hours depending on temperature and humidity.

*Weight:* 9.66 - 10.38 pounds per gallon.

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

*Film Thickness:* 2 - 3 mils (dry)

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

*% Solids (weight):* 70.67 - 72.71

*% Solids (volume):* 56.13 - 56.15

*% Pigment (weight):* 34.16 - 40

*Viscosity:* 70 - 80 Krebs units on a Stormer Viscometer at 77°F (25°C)

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

*Vehicle Type:* Specially-blended Alkyd Resins

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

*V.O.C. Content:* Maximum of 350 grams/liter (2.9 lbs/gal.)

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### 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. Surfaces must be structurally sound and absolutely dry. (Moisture content below 15% or the wood must be exposed to dry weather a minimum of 3 to 5 days.) Previously stained or weathered wood surfaces must be either sanded, scrubbed with a detergent solution or Cabot Problem-Solver® Wood Cleaner and a stiff bristle brush, or power washed to remove the surface layer of all loose wood fibers, dirt, mildew stains, chalky residues and other foreign matter. Use Cabot's Problem-Solver Wood Brightener to easily remove tannin bleed, 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 4 weeks.

#### *Application of Coating:*

*Stirring:* Stir thoroughly before and occasionally while using. If the job requires more than one container, or different batches are used, blend them together to ensure uniformity of color. Test a small area to ensure desired appearance.

*Methods:* Apply evenly with a brush, spray or roller. Best results can be obtained by using a high-quality, natural bristle brush. If you must spray or roll, always backbrush immediately after each section is coated to ensure proper penetration. Apply stain to small sections at a time. To avoid lap marks, start at one edge and follow through to the end of the board, maintaining a wet edge.

*Spray Application:* Recommended tip sizes and adjustments for spray application are 0.017" - 0.021" at 1800-2000 PSI with a fan width of 5-8 inches. When using HVLP spray equipment, see manual for proper set-up instructions. If you must spray, always backbrush immediately after each section is coated to ensure proper coverage.

*Number of Coats:* A one-coat application is generally sufficient to provide protection and longevity; the application of a second coat will yield maximum coverage and performance, particularly when using dark colors. The application of a second coat will also result in a higher sheen level. Apply second coat within 48 hours of first coat.

### 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

Cabot Solid Color Oil Decking Stain resists cracking, peeling and blistering when applied to a clean, dry and sound surface. Depending on exposure and wear evaluate restaining needs every 2-3 years.

### TECHNICAL SERVICES

For additional technical information, product line color cards and liquid 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](http://cabotstain.com).



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