



TECHNICAL DATA

O.V.T.® SOLID COLOR OIL STAINS #6700 SERIES

DESCRIPTION

Recommended Uses:

Cabot® O.V.T.® Solid Color Oil Stains combine the best features of stain and paint. These stains contain a blend of tough alkyd resin and linseed oil, and offer tremendous hiding power yet resist cracking, peeling and blistering. They provide a water-repellent and durable finish that helps keep moisture out — thus minimizing wood warping and checking. These stains provide long-lasting protection to new wood or previously stained surfaces.

Cabot O.V.T. Solid Color Oil Stains are excellent for use on most types of smooth and rough exterior wood, including siding, shingles, shakes and trim. They are ideal for use on well-seasoned lumber such as cedar, redwood, fir, pine, cypress, spruce, pressure-treated wood and plywood panel siding.

Composition:

Heavily pigmented, opaque, alkyd/linseed oil-based stain.

Finish:

Dries to a uniform, flat finish.

Colors:

Cabot O.V.T. Solid Color Oil Stains are available in 6 ready-mixed colors, plus a high-hiding Ultra White, #6712. Additional colors may be achieved with four tint bases; Cabot O.V.T. Solid Color Oil White, Neutral, Deep and Medium bases. Special shades may be ordered in quantities of 50 gallons or more at an extra charge of 25%.

Tinting/Intermixing:

Cabot O.V.T. Solid Color Oil Stains may be intermixed with #6700 Series only. O.V.T. Solid Color Oil Neutral, Deep and Medium Bases must be tinted with compatible universal colorants.

Coverage:

On smooth surfaces, approximately 400-500 square feet per gallon (9.81-12.27 square meters/liter); on rough surfaces, 150-250 square feet per gallon (3.68-6.14 square meters/liter). These rates will vary depending upon the porosity of the surface.

Packaging/Containers:

Available in one-gallon containers. Selected ready-mix colors available in five-gallon containers.

Restrictions:

Do not apply to lumber adjacent to fresh stucco. Do not use on incense cedar. For these surfaces, use Cabot's *The Finish* House & Trim Paint and Cabot PRO.V.T.® Solid Color Acrylic Stains. **Do not use on decks or other horizontal surfaces. Cabot Decking Stains or Cabot Solid Color 100% Acrylic Decking Stains #1800 should be used. 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 O.V.T. Solid Color Oil 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 hours, depending on temperature and humidity.

Weight: 11.55 - 12.32 pounds per gallon.

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

Film Thickness: 1.0 - 2.0 mils.

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

Mildew Resistant: Yes

% Solids (weight): 74.32 - 75.10

% Solids (volume): 61.55 - 60.80

% Pigment (weight): 48.45 - 51.12

Viscosity: 65-70 Ku, Stormer Viscometer at 77°F (25°C).

Pigment Type: Titanium Dioxide, Silica and Silicates.

Vehicle Type: Alkyd resin and natural linseed oil.

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

V.O.C. Content: Maximum 250 grams/liter (2.09 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. 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 stained or weathered wood surfaces must be either sanded, scrubbed with a bleach/detergent solution or Cabot Problem-Solver® Wood Cleaner and a stiff bristle brush, or power washed to remove the surface layer of all loose stain, paint, wood fibers, dirt, mildew stains, chalky residue and other foreign matter. Use Cabot Problem-Solver Wood Stripper to help remove oil-based finishes from wood surfaces such as cedar, redwood, pine, cypress, fir and pressure-treated wood. Use Cabot Problem-Solver Wood Brightener to easily remove tannic acid (extractive) bleeding, 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. New wood exposed to short-term (4 weeks) weathering prior to application of this product can decrease its service life.

Application of Coating:

Stirring: Stir thoroughly before and occasionally while using. If the job requires more than one batch, blend them together.

Methods: Apply evenly with a brush or spray. Best results can be obtained by using a high-quality, natural bristle brush. When rolling or spraying, immediately backbrush after each section is coated to ensure proper penetration. To avoid lap marks, start at one edge and follow through to the end of the boards. Apply stain to small sections at a time.

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: **One coat is recommended.** Two coats can result in higher sheen. For complete hiding, additional coats may be required with lighter colors.

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 within 48 hours. Do not apply over wet or damp surfaces or when rain is imminent.

Not intended for interior surfaces.

For exterior use only.

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 O.V.T. Solid Color Oil Stains resist cracking, peeling and blistering. 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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