TECHNICAL DATA

INTERIOR WATER-BORNE WOOD STAIN

#8220 Series

**Recommended Uses:**
Cabot Water-Borne Wood Stain enriches the appearance of unfinished wood. This deep-penetrating formula provides ultimate color control to ensure beautiful results. Formulated with unique ColorFast® technology, this premium stain remains fade resistant for long-lasting beauty. For use on bare or unfinished interior wood including floors, doors, woodwork, furniture and cabinets.

**Composition:**
Polyurethane acrylic

**Finish:**
Dries to a natural, flat finish

**Tinting/Intermixing:**
Do not tint or intermix with other products

**Coverage/Thinning:**
One gallon covers up to 400–600 sq. ft. (37–56 m²) depending upon surface porosity. Do not thin.
One quart covers up to 100–150 sq. ft. (9.3–14 m²) depending upon surface porosity. Do not thin.

**Packaging/Containers:**
Available in quart and gallon containers

**Restrictions:**
Do not apply when air or surface temperature is below 50°F. Do not thin or add colorant to this product. Do not let freeze. For interior use only.

**Environmental Impact:**
These products are in compliance with V.O.C. (Volatile Organic Compounds) requirements for Specialty Architectural Coatings under current regulations. Call Cabot’s Technical Services & Support for additional information pertaining to current V.O.C. rulings.

**WARNING! VAPOR HARMFUL. COMBUSTIBLE LIQUID & VAPOR.**

**Emergency Medical Telephone:**
1-888-345-5732

**Clean-up and Disposal:** Clean brushes and equipment with warm, soapy water. 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.

**Physical and Chemical Data:**
Water Repellent: No
Weight: 8.7–9.0 pounds per gallon
Flash Point: 212°F (100°C)
Film Thickness: Remove excess from surface, no film build
Shelf Life: A minimum of five (5) years in closed original containers
% Solids (weight): 16.4–21.1
% Solids (volume): 12.6–15.2
% Pigment (weight): 0.6–5.0
Viscosity: 25–45 cps.

**Pigment Type:** Iron Oxides, Precipitated Silica
**Vehicle Type:** Polyurethane acrylic
**Solvent Type:** Water

**V.O.C. Content:** GPL Maximum of 160 grams/liter (1.3 pounds/gal.)
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**APPLICATION**

**Surface Preparation:**

*General*: Clean and dry surface thoroughly, removing all dirt, dust, wax and wood marks.

*New Wood*: Lightly wipe surface of clean wood with a damp sponge to raise the grain. Allow to dry and then sand smooth. Repeat process if not smooth. Remove sanding dust before staining. Use Cabot Water-Borne Pre-Stain Conditioner when staining soft-grained wood such as pine or plywood.

*Painted or Varnished Wood*: Remove all paint and varnish with sandpaper or paint and varnish remover following manufacturer’s instructions and safety precautions. Then, follow new wood instructions.

**WARNING**: If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the USEPA/Lead Information Hotline at 1-800-424-LEAD (5323) or visit www.epa.gov/lead.

Wood surfaces must be clean, free of sanding dust, wax, grease, old finishes, mildew stains or other contaminants. Surfaces must be absolutely dry with moisture below 15%. Fill nail holes with high-quality wood putty then sand surface to the desired smoothness using progressively finer grades of sand paper to remove all scratches and nicks. Do not use steel wool in surface preparation. On previously clear-coated surfaces, make sure surface is in sound condition and polyurethane is compatible with surface. Lightly sand existing surface before applying first coat.

**Application:**

Stir well before and frequently during use. Intermix containers of the same color. Before staining entire surface, always check color by applying stain to an extra piece of the same wood. Apply a uniform coat using a polyester brush. On rough textured surfaces, a brush pad may be used. Depth of color can be controlled by wiping the stain with a clean, lint-free cloth to remove the desired amount of excess stain. If a deeper color is desired, an additional application of stain may be applied after the first coat is dried.

**Drying Time**: Dries to the touch in 30–60 minutes. Recoat or apply final finish after 1 hour, longer in high humidity or cool temperatures. Stain only when surface and air temperatures are between 50–90°F (10–32°C) during application and drying time.

**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 Wood Stain penetrates deep into the wood. For additional protection, use Cabot Water-Borne Polyurethane.

**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 WoodCare Specialists in Technical Services & Support toll-free at 1-800-US-STAIN.

**FILEING SYSTEMS**

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

**AVAILABILITY**

Cabot WoodCare 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.

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Tel.: 1-800-US-STAIN
Fax: 1-800-998-3299
cabotstain.com

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