



TECHNICAL DATA

PROBLEM-SOLVER® ACRYLIC PRIMER #8022 WITH LOKZALL™ STAIN LOCKING TECHNOLOGY

DESCRIPTION

Recommended Uses:

Cabot® Problem-Solver® Acrylic Primer is an acrylic-based, exterior primer that is specially formulated with LokzAll™ Stain Locking Technology. This unique formula chemically bonds with extractive tannin bleed and locks the unsightly discoloration into the primer. The result is a surface that can be top coated and will be protected from discoloration. This state-of-the-art chemistry also provides resistance to mildew stains and moisture problems. Its acrylic formula remains flexible, resisting cracking, peeling or blistering. Recommended for use on new or previously stained surfaces including wood siding, trim, shingles, decks, plywood, manufactured hardboard, engineered wood products, cured stucco, masonry, brick, cementitious siding, asbestos siding and smooth or rough-sawn surfaces. It is suitable for use on woods such as redwood, red cedar, fir, pine, cypress, spruce and incense cedar.

Composition:

Richly pigmented, acrylic copolymer.

Colors:

Available in White #8022.

Tinting:

Problem-Solver Acrylic Primer with LokzAll Stain Locking Technology **should never be tinted.**

Coverage:

On smooth surfaces, approximately 250-350 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 and five-gallon containers.

Restrictions:

Do not apply in direct sunlight, to hot surfaces, or when air or surface temperature is below 50°F (10°C). Do not apply over wet surfaces or when rain is imminent. Do not thin. Protect stored containers from freezing. **For exterior use only.**

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Environmental Impact:

This primer 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. 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:

Drying Time: Dries to touch in 30 Minutes. To ensure best resistance to extractive bleed discoloration, allow overnight drying before applying topcoat.

Weight: 10.9 - 11.0 pounds per gallon.

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

Film Thickness: Approximately 3 mils dry.

Shelf Life: At least 10 years in closed original containers at room temperature.

Mildew Resistant: Yes

% Solids (weight): 57.0 - 57.1

% Solids (volume): 43.7 - 43.8

% Pigment (weight): 32.0 - 32.1

Viscosity: 80-85 Kreb units, Stormer Viscometer at 77°F (25°C).

Pigment Type: Titanium Dioxide, Calcium Carbonate, Nepheline Syenite.

Vehicle Type: Acrylic copolymer.

Solvent Type: Water.

V.O.C. Content: Maximum of 100 grams/liter (.83 lbs.gal.).

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APPLICATION

Surface Preparation:

Be sure surface is free of all dirt, mildew stains and loose wood fibers. Surfaces must be sound and absolutely dry (moisture content below 15%). New wood surfaces should be primed immediately and not allowed to weather. Knots should be sealed with a high quality knot sealer. Previously stained or weathered surfaces should be cleaned with Cabot Problem-Solver® Wood Cleaner.

Finishing: Shake and stir thoroughly before use. Apply with a synthetic bristle brush or professional spray equipment. When spraying, always back-brush immediately. One coat is usually sufficient for most surfaces.

Mildew Stains: Any mildew stains present on the surface prior to staining should be removed with Cabot Problem-Solver® Wood Cleaner. Mildew stains are not caused by the coating, nor do they represent coating failure. While this product cannot prevent mildew stains, the dried surface of this product is resistant to mildew stains. This product contains agents which inhibit the growth of mildew stains on the product's film.

Extractive Bleeding: Extractive bleeding is not caused by the coating, nor is it a coating failure. Extractive bleeding may appear after this product has been applied. This product is formulated to prohibit the appearance of extractive tannin discoloration on the topcoat. A second coat may be necessary in areas subject to high levels of water-soluble tannic acid.

Application of Coating:

Stirring: Stir thoroughly before using. Apply product to small sections at a time. 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, synthetic bristle brush. If you must spray, always backbrush immediately after each section is coated to ensure proper coverage.

Spray Application: Recommended tip sizes and adjustments for airless spray application are 0.017" - 0.021" at 1600-2000 PSI with a fan width of 5-8 inches; one gun. When using HVLP spray equipment, see manual for proper set-up instructions.

Number of Coats: One coat is usually sufficient and may become discolored by the wood's tannic acid when first applied.

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 800-US-STAIN.

LIMITED 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 Problem-Solver Acrylic Primer will resist cracking, peeling and blistering.

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 800-US-STAIN.

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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