



ProLuxe™

Transparent Satin Cetol® 23 Plus RE™ Wood Finish SIK430

DESCRIPTION

Cetol 1 RE™ and *Cetol 23 Plus RE* are a transparent basecoat and top coat system for exterior logs, siding and other vertical surfaces. Available in seven rich wood hues.

Cetol 1 RE Wood Finish MUST be applied to properly prepared wood as the basecoat before applying the *Cetol 23 Plus RE* Top Coat.

FEATURES

- Penetrating alkyd-oil formula, part of a 3-coat system
- High-transparency transoxide pigments amplify depth of color,
- clarity and substrate protection
- Powerful UV absorbers protect color and wood substrate
- Water-repellent
- Provides a mildew-resistant finish

SHIPPING

FREIGHT CLASSIFICATION:

Paint, Combustible Liquid, PGIII

PACKAGING:

1 gallon (3.785 L)
5 gallons (18.925 L)

FLASH POINT:

115° F (46° C)

READY MIX COLORS

SIK43005	Natural Oak
SIK43009	Dark Oak
SIK43045	Mahogany
SIK43072	Butternut
SIK43077	Cedar
SIK43078	Natural
SIK43085	Teak

SPECIFICATION DATA

Clean-up Solvent:

Mineral Spirits

Resin:

Alkyd

Density*:

8.2 - 8.6 lbs/gal (0.98- 1.03 kg/L)

VOC*:

275 g/L (2.29 lbs/gal)

Solids*:

Volume - 51.3% +/- 1%

Weight - 57% +/- 1%

Practical Coverage:

On rough and weathered surfaces,

200-300 sq ft/gallon (5-7 m²/L).

On smooth surfaces or hardwoods,

250-350 sq ft/gallon (6-9 m²/L).

Actual coverage may vary depending on the type, age and texture of the wood and application method.

Dry Time 77°F (25°C) & 50% RH:

To touch - 12 hours

To recoat - 24 hours

Low temperature, high humidity or poor ventilation will increase these times. Avoid heavy abrasions immediately following application

Shelf Life:

5 years maximum - unopened

Disposal:

Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

*Data may vary with product color.

Read Label and Material Safety Data Sheet Prior to Use. See other cautions on last page.

SURFACE PREPARATION

GENERAL SURFACE PREPARATION: All wood surfaces must be thoroughly clean, dry and free of dirt, grease, grime, mildew, mill glaze and previous coatings before applying *Cetol 1 RE* Wood Finish.

Cleaning Recommendations:

1. Spray all wood surfaces with clean water, completely wetting the wood.
2. Generously apply a cleaning solution of four (4) ounces of 100% powdered Tri-Sodium Phosphate (TSP) or phosphate-free substitute with one (1) quart of liquid bleach and three (3) quarts of water to the wood surfaces with a garden sprayer or a heavy nap roller cover.
3. Let the solution dwell on the wood for 15-20 minutes as you scrub the surface with a hard bristle brush to help remove mill glaze or weathering. **Do not allow solution to dry on the wood surface.**
4. Power wash cleaning solution from the wood with plenty of clean fresh water using 500-800 psi with the nozzle 8-12 inches from the surface for full effectiveness of the cleaning and to prevent damage to the wood.
5. Allow the surface to dry for 48 hours, or to have a moisture content of 18% or less before finishing.
6. For achieving optimum wood surface porosity and natural uniformity sand all pre-cleaned wood using 80-120 grit sandpaper for vertical surfaces. **Always sand in the direction of the wood grain and remove sanding dust.**
7. *Cetol 1 RE* Wood Finish and *Cetol 23 Plus RE* Top Coat should be applied within four weeks for vertical surfaces (siding), provided that the surface remains free of dirt, grease grime, mildew.

DIRECTIONS FOR USE

APPLICATION:

CAUTION: Surfaces are slippery when wet. Use caution when walking on wet surfaces during application.

Test wood for absorbency by sprinkling water on the surface – if water is absorbed within 30 seconds – 2 minutes, depending on climate, the surface is ready for finishing. If water is not absorbed, wait 30 days and re-test.

1. Before starting, test your color choice on a small area, applying all three coats of application system.
2. Buy sufficient product for the whole job and intermix all product together before starting to avoid color variance.
3. Stir thoroughly before and periodically during application.
4. Do not thin.
5. Apply when air and surface temperature is between 50° F (10° C) - 90° F (32° C).
6. Do not apply in direct sunlight, if rain, snow, heavy dew or low temperatures below 40° F (4° C) are expected within 48 hours.
7. Brushing is the preferred method of application, using a natural bristle brush. If applied by roller or airless sprayer, back brush immediately to ensure penetration and to avoid an uneven finish. For airless spray, use a .009"-.011" tip at 700 - 800 psi, adjust pressure as needed.
8. Apply one even coat of *Cetol 1 RE* Wood Finish, avoiding heavy application.
9. Allow to dry a minimum of 24 hours.
10. Must be top coated with two coats of *Cetol 23 Plus RE* Top Coat, following label application directions.
11. Apply in the direction of the grain.
12. To avoid lap marks, start at one edge and follow through to the end of each board maintaining a wet edge.
13. Coat all end grains and the back of all boards if possible.
14. *Cetol 23 Plus RE* Top Coat is not recommended for outdoor furniture or fences. Since outdoor furniture and fences are considered to be in a high moisture environment two coats of *Cetol 1 RE* Wood Finish would be your best method of application.

PRECAUTIONS

DANGER! COMBUSTIBLE LIQUID AND VAPOR. HARMFUL OR FATAL IF SWALLOWED. CAUSES RESPIRATORY TRACT AND EYE IRRITATION. MAY CAUSE SKIN IRRITATION. Sanding and grinding dusts may be harmful if inhaled. Inhalation of high concentrations of vapor may affect the central nervous system. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness. Can enter lungs and cause damage. Keep away from heat and flame. Do not breathe vapor or mist. Do not swallow. Do not get on skin or clothing. Avoid contact with eyes. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling. Provide fresh air ventilation during and after application and drying. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Use personal protective equipment as required. **DANGER - RAGS, STEEL WOOL OR WASTE SOAKED WITH CETOL 23 PLUS RE WOOD FINISH MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER EACH USE, PLACE RAGS, STEEL WOOL OR WASTE IN A SEALED WATER-FILLED METAL CONTAINER. Note: These warnings encompass the product series. Prior to use, read and follow product-specific MSDS and label information. FIRST AID:** If swallowed, rinse mouth with water (only if the person is conscious). Call physician immediately. Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. If on skin, rinse well with water. Wash with soap and water. Get medical attention if irritation develops. If inhaled, remove to fresh air. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. Keep out of the reach of children. For workplace use, an MSDS is available from your retailer or by calling (412) 492-5555. EMERGENCY SPILL INFORMATION: (412) 434-4515 (U.S.).

The *PPG Logo* is a registered trademark of PPG Industries Ohio, Inc. *Sikkens* and *Cetol* are registered trademarks and *1 RE* and *23 Plus RE* are trademarks of AkzoNobel. *ProLuxe* is a registered trademark of PPG Architectural Finishes, Inc. © 2016 PPG Industries, Inc. All Rights Reserved.

NEW WOOD - Clean and prepare all wood surfaces as specified under **GENERAL SURFACE PREPARATION**. Pressure treated wood must be properly seasoned, dry with a moisture content of 18% or less and free of salts and other water soluble materials before applying stain. Water- repellent treated lumber requires one year minimum of weathering prior to cleaning and application.

EXOTIC HARDWOOD - Ipe, mahogany, iron wood, tiger wood and teak woods exhibit a dense cell structure which may reduce the ability of a coating to penetrate the wood surface. Clean and prepare surface as specified under **GENERAL SURFACE PREPARATION**. *Immediately prior to applying coating, wipe surface with acetone.*

WEATHERED UNCOATED WOOD - Clean and prepare surface as specified under **GENERAL SURFACE PREPARATION**.

PREVIOUSLY COATED WOOD - Previous stains, varnishes or sealers must be completely and thoroughly removed prior to application of *Cetol 1 RE* Wood Finish. After removal of previous coatings. Clean and prepare surface as specified under **GENERAL SURFACE PREPARATION**.

WARNING! If you scrape, sand, or remove old paint, 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 an NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

NOTE: Tannin containing woods such as redwood, red cedar, mahogany, douglas fir, etc. contain tannic acid which tends to migrate to the surface and discolor the stain, especially noticeable when using white or light colors. The discoloration is not harmful and can usually be removed. Apply a cleaning solution of four (4) ounces of oxalic acid to one gallon of warm water using a garden sprayer or a heavy nap roller cover. Allow solution to dwell on surface for 20 minutes then thoroughly rise with clean water. **DO NOT ALLOW solution to dry on wood surface.**

COVERAGE:

On rough and weathered surfaces, 200-300 sq ft/gallon (5-7 m²/L). On smooth surfaces or hardwoods, 250-350 sq ft/gallon (6-9 m²/L). Actual coverage may vary depending on the type, age and texture of the wood and application method.

DRY TIME @ 77°F (25°C) & 50% RH:

Dries to touch in approximately 12 hours. Dries to recoat in 24 hours additional coat may increase these times. Low temperature, high humidity, thick films or poor ventilation will increase these times. Avoid heavy abrasions immediately following application.

CLEANUP AND STORAGE:

Clean tools immediately with mineral spirits. Clean spills right away with a damp cloth.

MAINTENANCE PROCEDURES: Proper maintenance starts with visual inspection. A timeframe of two (2) – three (3) years on the south and west exposures and three (3) – four (4) years on the north and east exposures can be used as a general guideline. However, as weathering, exposure conditions, altitude, and applications can vary, maintenance may be needed sooner and should be performed when visually necessary, regardless of timeframe.

Before application of a maintenance coat, prepare the surface using the previously mentioned cleaning solution but reduce the amount to two (2) ounces of 100% powdered Tri-Sodium Phosphate or phosphate-free substitute. Let the surface dry for three (3) days after power washing. Apply one (1) coat of *Cetol Log & Siding* or one (1) coat of *Cetol Maintenance RE*. Please refer to the *Cetol Maintenance RE* Technical Data Sheet (TDS) for specific guidelines. Hardwoods and lighter colors may require more frequent maintenance.