

General Description

Cetol 23 Plus is a premium, translucent topcoat for Cetol 1. The advanced alkyd resin with UV absorbers offers excellent durability and protection for siding and other vertical surfaces.

Recommended Uses

Used in conjunction with Cetol 1 as a protective topcoat for exterior wood. Normally used as the last one (1) or two (2) coats in the Cetol 1 and Cetol 23 Plus system.

May be used on:

- Siding
- Garage Doors
- Entrance Doors
- Trim
- Window Frames
- Logs

Features and Benefits

- **Translucent Iron Oxide Pigments** - Improved clarity and color retention; protection from *graying*
- **UV Absorbers** - Added UV protection leads to less frequent maintenance
- **Microporous** - Minimizes the occurrence of peeling and blistering
- **Translucent Film Forming Finish** - Durable, rich "look" with a satin sheen

Color Range and Packaging

005 Natural Oak	077 Cedar
009 Dark Oak	078 Natural
045 Mahogany	085 Teak
072 Butternut	996 Natural Light

U.S. Quarts: 005, 009, 045, 072, 077, 078, 085, 996

U.S. Gallons: 005, 009, 045, 072, 077, 078, 085, 996

U.S. 5 Gallons: 005, 072*, 077, 078, 085, 996
*Available in U.S. only

Shelf Life: Approximately five (5) years in an unopened container.

Product Data

Gloss: Satin

Viscosity-Rotthinner: 2.0 - 2.4 poise @ 23° C (73° F)

Weight per Gallon: 8.2 - 8.6 lb./gal.

Solids by Weight: 42.0 - 45.0%

Solids by Volume: 32.0 - 35.0%

VOC: <490 g/l

Application

Method: Long-haired natural bristle brush; or, airless sprayer (when back brushed) using .011 - .013 tip @ 1000 - 1500 psi.

Surface & Air Temp: 50° - 95° F
10° - 35° C

Thinning: None; ready to use after stirring well.

Coverage: Smooth wood - 400 - 500 sq. ft./gal.
9.8 - 12.3 m²/l
Rough wood - 200 - 300 sq. ft./gal.
5 - 7.5 m²/l

Cleanup: Mineral Spirits

Drying Time: Touch-dry after four (4) - six (6) hours; re-coatable after minimum of 24 hours @ 68° F (20° C) and 65% relative humidity. At temperatures < 50° F (10° C) or conditions of high humidity, the dry time will be extended.

Note: **During application, moisture content of wood substrate should not exceed 18%. Do not apply when rain, dew, or frost are forecast within five (5) hours of application.**

Cetol[®] 23 Plus

Preparation Procedures for New, Weathered and Uncoated Wood:

Cetol 23 Plus is used as a top coat over Cetol 1 or as a maintenance coat over an existing Cetol 1 and Cetol 23 Plus system. For preparation on new, weathered and uncoated wood please refer to the Cetol 1 Technical Data Sheet.

Standard Application Procedure:

Cetol 1 & Cetol 23 Plus System:

It is always recommended to perform a three (3) coat color and sheen test on a sample of the wood. Color can vary with application, porosity and type of wood. Intermix batches to ensure color consistency. After preparation, apply one (1) coat of Cetol 1 and two (2) coats of Cetol 23 Plus assuring thorough dry time (minimum 24 hours) between coats. If possible, back prime with the first coat. During application, saturate all end grains, nail holes, cavities, and cracks in the wood. Brush on a liberal coat and maintain a wet edge to prevent lap marks. Brush in the direction of the wood grain starting at one end of the board or log and continuing to the other end of the board or log. The first coat of any Cetol system should be applied from the bottom up to avoid drips which may streak on the surface below. Follow recommended maintenance procedures and schedule.

Log Application Procedure:

Kiln-dried or Air Dried Logs:

It is always recommended to perform a three (3) coat color and sheen test on a sample of the wood. Color can vary with application, porosity and type of wood. Generally, the moisture content of these logs is below 18%. However, some logs may have a moisture content higher than 18%. Therefore, it is recommended to apply Sikkens Log Pre-Treatment and then allow a six (6) month drying period before applying two (2) coats of Cetol 1 and one (1) coat of Cetol 23 Plus. Follow preparation procedure before applying first coat of Cetol 1. During application, saturate all end grains, nail holes, cavities, and cracks in the wood. Brush on a liberal coat and maintain a wet edge to prevent lap marks. Brush in the direction of the wood grain starting at one end of the board or log and continuing to the other end of the board or log. The first coat of any Cetol system should be applied from the bottom up to avoid drips which may streak on the surface below. Follow recommended maintenance procedures and schedule.

Green, Wet, or Treated Logs:

It is always recommended to perform a three (3) coat color and sheen test on a sample of the wood. Color can vary with application, porosity and type of wood. These logs have a moisture content greater than 18%. Therefore, it is recommended to apply Sikkens Log Pre-Treatment and allow a six (6) month drying period. Then apply three (3) coats of Cetol 1. Wait two (2) years and apply one (1) coat of Cetol 23 Plus. Follow the preparation procedure before applying the first coat of Cetol 1. During application, saturate all end grains, nail holes, cavities, and cracks in the wood. Brush on a liberal coat and maintain a wet edge to prevent lap marks. Brush in the direction of the wood grain starting at one end of the board or log and continuing to the other end of the board or log. The first coat of any Cetol system should be applied from the bottom up to avoid drips which may streak on the surface below. Follow recommended maintenance procedures and schedule.

Application over Borate Treatments:

Do not apply any Sikkens Cetol system over a fresh, borate-treated wood surface. Allow the borates to diffuse into the wood cells by allowing a six (6) month exposure time before application of any Cetol system. To prevent borates from leaching out of the exterior surface, we recommend the application of Sikkens Log Pre-Treatment over the borate treatment. Before the application of Sikkens Log Pre-Treatment, allow the borate treatment to dry for three (3) good, sunny days. Just prior to the application of the appropriate Cetol system, the log surface must be cleaned thoroughly according to the Sikkens preparation procedures. When borate treatments are applied, it is always advised to follow the manufacturer's recommendations.

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Maintenance Procedures and Schedule:

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 23 Plus or one (1) coat of Cetol Maintenance. Please refer to the Cetol Maintenance Technical Data Sheet (TDS) for specific guidelines.

Health and Safety Data:

DANGER! RAGS, STEEL WOOL, BRUSHES, ROLLERS, AND ANY WASTE SOAKED WITH THIS PRODUCT MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISPOSED OR STORED. To avoid a spontaneous combustion fire, immediately, after each use, place rags, steel wool, brushes, rollers, or waste in a sealed, water-filled metal container. Keep away from combustible materials. For disposal guidance, contact your local household refuse collection service, fire department, or local government environmental control agency. Harmful or fatal if swallowed. Keep out of reach of children. Keep away from open flame or sparks. Use only with adequate ventilation.

First Aid Treatment:

Refer to the Material Safety Data Sheet found on the Sikkens website (www.nam.sikkens.com) or by calling Sales and Technical Support at 1-866-SIKKENS (1-866-745-5367).

Product Disclaimer:

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