



# Cetol Log & Siding

## General Description

Cetol **Log & Siding** is a high performance, translucent satin finish for exterior vertical surfaces. This alkyd high solids formulation offers optimum protection and a premium look in just two coats. The high solids alkyd resin used in Cetol Log & Siding is another example of the advancements central to the Sikkens "Next Wave" technology.

## Recommended Uses

### Areas:

Siding, Logs, Trim

### May be used on:

Fir, Cedar, Pine, Spruce, Redwood

## Features and Benefits

- **High Solids Alkyd -**

Fewer Coats needed for optimum protection and premium look.

- **Translucent Iron Oxide Pigments and UV Absorbers**

Combination gives high performance UV protection, preventing greying and deterioration.

- **Microporosity and Excellent Flexibility -**

Minimizes blistering and cracking due to expansion and contraction or moisture build up.

## Color Range and Packaging

005 Natural Oak  
072 Butternut  
077 Cedar  
078 Natural  
085 Teak  
996 Natural Light  
111 Western Grey

Available in quarts, gallons, 5 gallons.

## Product Data

Gloss: Satin

Viscosity Poise 23°C: 1.4 - 2.0 Poise

Weight per Gallon: 7.9 - 8.2 lbs/gallon

Solids by weight: 63.5 - 65.5%

Solids by volume: 57.0 - 59.0%

VOC : <350 g/L

## Application

Method - Long haired natural bristle brush

Surface and Air temperature - 50° - 95°F  
10° - 35°C

Thinning - Not recommended

Coverage - Smooth wood - 350-450 sq. ft./gallon  
8.5 - 11 sq. m./L  
Rough wood - 175 - 225 sq. ft./gallon

Clean-up - Paint thinner or mineral spirits

Drying Time- Recoatable in 24 hours minimum at 68° F (20°C) and 65% relative humidity. At temperatures below 50° F (10°C), or conditions of high humidity, the drying time will be extended.

During application, moisture content of the wood substrate should not exceed 18%. Do not apply when wet weather conditions or frost/dew are forecasted within 5 hours of application.



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## **Preparation Procedures for new, weathered and uncoated wood:**

The best method to prepare vertical wood surfaces is to sand with 80-120 grit sandpaper. However, the following preparation may be used as an alternate to sanding. Spray the surface with clean water, wetting the wood. Clean the surface with a solution of 4 ounces of 100% powdered Tri-sodium phosphate (TSP) or phosphate-free substitute plus 1 quart of liquid bleach in 3 quarts of water. Apply this solution generously to the wood with a garden pump sprayer. Let the solution sit on the wood for 15-20 minutes. During this period, scrub the surface with a hard bristle brush to help remove mill glaze and/or weathering. Do not let the solution dry on the wood. Keep it wet. Power wash the cleaning solution from the wood with clean water. To prevent damaging the wood, do not exceed 500 psi. The nozzle must be a maximum of 1 foot from the surface for full effectiveness. Let the surface dry for 3 days before application (i.e. the moisture content is below 18%). Weathered gray wood, affected with blue fungi or rust from nails may be treated, after the TSP solution, by applying a solution of 4 ounces of oxalic acid crystals in a gallon of warm water. This solution should be allowed to sit on the affected area for 15-20 minutes before the final rinse with a power washer. Let dry for 3 days. For application on hardwoods, wipe the surface with acetone immediately prior to application of Cetol Log & Siding. Rough-sawn wood need only be dry-brushed using a brush with stiff bristles to remove loose dirt and fibers. If debris is still present, follow the preparation procedures. Fill all joints, cracks, and nail holes with a high quality polyurethane or acrylic caulk/filler prior to applying the coating.

## **Application Procedure:**

**It is always recommended to perform a 2 coat color and sheen test on a sample of the wood.** Stir well before and during use. Intermix all batches to ensure color consistency. Do not apply when the surface is hot to the touch, when dew or frost is present, or expected within 5 hours of application, or in wet weather. After preparation, apply 2 coats of Cetol Log & Siding, waiting a minimum of 24 hours between coats. The first coat must be thoroughly dry before application of the second coat. 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 the surface below. Follow with recommended maintenance procedures and schedule.

**Note:** *Cetol Log & Siding is compatible over an existing Cetol 1 and Cetol 23 Plus system.*

*Cetol Log & Siding needs UV light to cure properly. The absence of UV light will significantly slow the drying process.*

## **Log Application Procedure:**

### **Kiln-dried or air dried logs:**

**It is always recommended to perform a 2 coat color and sheen test on a sample of the 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 Cetol Log & Siding. Follow preparation procedure before applying first coat of Cetol Log & Siding. 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 with recommended maintenance procedures and schedule.



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## Green, wet, or treated logs:

It is always recommended to perform a 2 coat color and sheen test on a sample of the wood. These logs have a moisture content greater than 18%. Therefore, it is recommended to apply Sikkens Log Pre-Treatment and allow a one (1) year drying period before applying Cetol Log & Siding. Follow the preparation procedure before application of Cetol Log & Siding. Follow preparation procedure before applying first coat of Cetol Log & Siding. 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 with recommended maintenance procedures and schedule.

## Cetol Log & Siding 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 (12 months for green logs) before application of Cetol Log & Siding. 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 procedure outlined in the Sikkens preparation procedures. When borate treatments are applied, it is always advised to follow the manufacturer's recommendations.

## Maintenance Procedure and Schedule:

Proper maintenance starts with visual inspection. A timeframe of 2 to 3 years on the south and west exposures and 3 to 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 TSP solution but reducing the solution to 2 ounces of 100% powdered Tri-Sodium Phosphate or phosphate-free substitute. Let the surface dry 3 days after power washing. Apply 1 coat of Cetol Log & Siding.

## Health and Safety Data

**Warning:** 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 your 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 our website or by calling Sales Support at 1-866-SIKKENS.



Technical Data Sheet

# Cetol Log & Siding

## Product Disclaimer

The technical information and suggestions for use made herein are based on Akzo Nobel Coatings Inc's research and experience and are believed to be reliable, but such information and suggestions do not constitute a warranty. Since Akzo Nobel Coatings has no control over the conditions under which the product is transported, stored, handled, used or applied, buyers must determine for themselves by preliminary tests or otherwise, the suitability of the product for their purposes.

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