

Cetol® 1 & Cetol® 23 Plus APPLICATION

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■ Preparation Procedures

New, Weathered, Uncoated Wood

The best method to prepare vertical wood surfaces is to sand with 80-120 grit sandpaper. However, an alternate to sanding for preparation is listed below.

Cleaning Recommendation

1. Spray the surface with clean water, wetting the wood.
2. 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.
3. 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.
4. 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.
5. Let surface dry for 3 dry days before application (i.e. the moisture content is below 18%).

Tips

- *New Rough-sawn wood should be dry-brushed using a brush with stiff bristles to remove loose dirt and fibers, if debris is still present then follow the cleaning recommendation.*
- *Weathered wood affected with blue fungi or rust from nails may be treated after the surface preparation 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 areas for 15-20 minutes before the final rinse with clean water. Let dry 3 days before coating.*
- *Fill all joints, cracks, and nail holes with a good quality polyurethane or acrylic caulk/filler prior to applying the coating.*

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■ Application Procedures

New/Bare Weathered Wood Applications

1. Follow the preparation procedures.
2. Apply one coat of Cetol 1.
3. Let surface dry for minimum of 24 hours.
4. Apply one coat of Cetol 23 Plus.
5. Let surface dry for minimum of 24 hours.
6. Apply one coat of Cetol 23 Plus.
7. Clean tools with paint thinner or mineral spirits.

****For green/wet log applications contact Sikkens Technical Support***

Outdoor Furniture/Fence Applications

1. Follow the preparation procedures.
2. Apply one coat of Cetol 1.
3. Let surface dry for a minimum of 24 hours.
4. Apply one coat of Cetol 1.
5. Let surface dry a minimum of 24 hours.
6. Apply one coat of Cetol 1.
7. Clean tools with paint thinner or mineral spirits.

Tips

- *Cetol 1 smooth wood coverage: 250-350 sq. ft./US gallon (6-8.5 sq. m./liter).*
- *Cetol 1 rough wood coverage: 200-300 sq. ft./US gallon (5-7.5 sq. m./liter).*
- *Cetol 23 Plus coverage : 400-500 sq. ft./gallon (10-12 sq. m./liter).*
- *It is always recommended to perform a three coat color test sample of the wood.*
- *Cetol 1 is always used as the 1st coat in any bare wood application.*
- *All systems consist of 3 coats.*
- *All three coats must be applied within 30 days after preparation.*
- *Spraying is only recommended for Cetol 23 Plus.*

Application Do's...

- *Intermix different batches together to ensure color consistency.*
- *Apply when the surface and air temp is 50°F/10°C to 95°F/35°C.*
- *Saturate all end grains, nail holes, cavities and cracks in the wood.*
- *Maintain a wet edge to prevent lap marks.*
- *Apply in the direction of the wood grain using a long haired natural bristle brush.*
- *Stir well before using.*
- *Back prime (if possible).*

Application Don'ts...

- *Do not apply over previously coated surfaces.*
- *Do not apply when the surface is hot to the touch.*
- *Do not apply when dew or frost is present.*
- *Do not apply in wet weather.*
- *Do not apply when moisture content of the wood is greater than 18%.*

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■ Maintenance Procedures

Proper maintenance starts with visual inspection. A timeframe of 2 to 3 years on the south & west exposures and 3 to 4 years on north & east exposures can be used as a general guideline. However, as weathering and exposure conditions can vary widely, maintenance may be needed sooner and should be performed when visually necessary regardless of timeframe.

1. Follow the preparation procedures using the above cleaning solution reducing it to 2 ounces of 100% powdered Tri-Sodium Phosphate or phosphate-free substitute. Let surface dry 3 days.
2. Apply one coat of Cetol 23 Plus.
3. Clean tools with paint thinner or mineral spirits.

Tips

- For outdoor furniture and fences apply a maintenance coat of Cetol 1 every one to two years.