Sikkens ProLuxe University
Product Training Manual
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Understanding the Challenges of Exterior Wood
Moisture, UV, and Changes In Temperature

- Wood is affected by many factors, including moisture, which causes swelling, rotting, mold and mildew.

- Wood is also affected by UV rays, sunlight and heat, which promotes shrinking, cracking, graying, fading and warping.

- Changes in temperature result in expansion and damage to wood fibers.
Chemical Composition of Wood

Moisture, UV, and Changes In Temperature

- *Sikkens ProLuxe* Wood Finishes are designed to protect the lignin from damage caused by UV sunlight. When lignin damage occurs, wood fiber (cellulose & hemi cellulose) loss is inevitable, and coatings can fail.

![Lignin Damage](image1)

![Protected](image2)
Moisture, UV, and Changes In Temperature

- According to data collected in a study by the U.S. Forestry Service in Madison, Wisconsin, clean, prepared exterior wood should be coated within:
  - One week for horizontal surfaces, like decks
  - Four weeks for vertical surfaces, like siding

- A reduction in coating adhesion of up to 50% can happen after the above amount of time due to lignin damage from UV exposure.
Moisture, UV, and Changes In Temperature

- Mildew can result when the following conditions are present.
  - 21% moisture content
  - 70° F (21° C) temperature
  - 80% relative humidity

- If moisture content remains above 30% and temps are above 70° F (21° C), rot may begin.
  - 30% moisture content
  - 70°F (21°C) temperature
  - 80% relative humidity

- When rot is present, the only real solution is to remove and replace the damaged areas. This can be a costly undertaking and can usually be prevented with proper maintenance and visual inspections.
Blue stain fungus is not mold.

It does not affect the strength or integrity of the wood.

It is not a decay fungi.

It begins when trees are damaged or cut.

It lives on the nutrients stored in the cells of the wood, not on the fibers of the wood itself.

Its color varies from blue to bluish black, or gray to brown or even red, yellow, orange or purple.

With the occurrence of major storms across the southern United States, the volume of Southern Yellow Pine being harvested with signs of blue stain fungus has increased.
Wood Surface Preparation — Why Clean and Sand?
• Mill glaze is created when lumber is planed to achieve a flat, smooth surface. The shiny glaze left on the surface will keep coatings from penetrating, which will lead to coatings failure, so it must be removed.

• Refer to the Sikkens ProLuxe Sanding or Pressure Washing Surface Preparation Procedures (p.12) for removing mill glaze.

• Dirt and weathering will not only prevent penetration and adhesion of the new coating, but will also alter the look you are trying to achieve.
Wood Surface Preparation – Stains and Discoloration

• Stains can occur from moisture in the wood (pressure treated) or tannins (cedar and redwood) reacting with the iron in the nails or screws. To remove stains, pre-wet the surface.

• Use a solution of 4 oz oxalic acid mixed with 1 gal. of warm water. Apply liberally to entire area, working the solution into and around the fastener inset areas where iron stains exist. Work into the wood-grain with a stiff bristle brush in a scrubbing motion to accelerate the brightening and cleaning process.

• Allow the oxalic acid solution to sit on the surface 15-20 minutes. Keep solution wet, not allowing the solution to dry on the surface. Rinse the entire wood surface area by pressure-washing at 500-1000 psi.
Exterior Preparation Procedures – Pressure Washing and Sanding

The two primary methods for performing wood surface preparation are:
- Pressure washing (in conjunction with specific chemical solutions)
- Sanding

Cleaning removes dirt, mildew and stains.

Sanding produces optimum surface porosity and uniformity.

Both methods serve certain functions.
New or Weathered, Uncoated Wood

- Remove dirt, mill-glaze and old weathered finishes by applying a solution of 4 oz. Tri-Sodium Phosphate (TSP or 8oz phosphate free), 1 quart of household liquid bleach and 3 quarts of fresh water.

- Apply liberally and keep the wood surfaces wet with the solution for 15-20 minutes.

- For the most effective cleaning result, scrub all surfaces thoroughly with a synthetic, stiff bristle brush.

- For the best results and appearance, pressure wash at 500-1000 psi, with the nozzle 8 to 12 inches from the surface to reduce the possibility of damage to the wood surface.
• If deck and siding finishes show signs of UV damage (peeling, cracking, etc.) chemical stripping is an alternative to sanding.

• Stripping chemicals containing Sodium Hydroxide make quick work of removing weathered exterior stains and finishes.

• Oxalic acid or wood brighteners should be used after chemically stripping to neutralize the surface and create an even appearance for the new coating system.

• Please call Sikkens ProLuxe Technical Support for product recommendations at 1-866-745-5367.

• Please refer to the stripping chemical manufacturer’s product label, for safety and detailed application instructions.
Exterior Preparation Procedures – Sanding

- Wood that is older than 30 days after installation should be power washed using a solution of 4 oz. 100% Tri-Sodium Phosphate, (or 8 oz. phosphate-free substitute), 1 quart household bleach, & 3 quarts of water, and allowed to dry for 3 days, before sanding.

- Counter sink all nails and screws to avoid damage to the sander, and prevent rust on the heads of the fasteners. Apply sufficient coating to these areas to seal the wood from moisture collection.
Before Sanding - Do This

- Liberally apply a solution of 4 oz 100% Tri-Sodium Phosphate, (or 8 oz. phosphate free substitute), 1 quart household liquid bleach, and 3 quarts of water for pre-cleaning wood surfaces to ensure that soil build-up, mildew and other contaminants are removed.

- Pressure wash treated surfaces by using moderate pressure (green 25° – tip – 500 to 1000 psi) with the nozzle 8-12 in. from the surface.
After the chemically-prepared surfaces have fully dried, sand using 60-80 grit sandpaper to produce a clean porous and uniform surface. Always sand in the direction of the wood grain.

When sanding is the chosen preparation method:

- Vertical surfaces should be sanded with 80-120 grit sandpaper
- Horizontal surfaces should be sanded with 60-80 grit sandpaper
- Hardwoods should be sanded with 60 grit sandpaper or less
Thoroughly remove all sanding dust with blower. Then vacuum, broom or brush before applying desired Sikkens ProLuxe coating. Wood should have moisture content of <18% prior to finishing.

Dust left behind will absorb the coating and prevent penetration, adversely affecting adhesion of the finish.
After performing wood surface and preparation work, sealing all end grains and caulking where necessary will help prevent the growth of mold, mildew and blue fungi. Sikkens ProLuxe recommends a high quality polyurethane or elastomeric caulk.
Media blasting pre-cleaned wood surfaces (mildew/soil removal) can be an excellent preparation alternative for jobs requiring complete removal of an existing finish.
Exterior Preparation Procedures – Previously Coated Surfaces

*Rubbol* Solid Stain (opaque)

- For the application of the exterior *Rubbol* Solid Stain product, the old coating does not necessarily need to be removed. Check for adhesion to the surface. If the existing coating is in good condition, follow the recommended cleaning procedures, allow to dry for 3 days, and apply the new coating.

- If the condition of the existing coating or its adhesion to the surface are in question, the old coating must be removed before applying any *Sikkens ProLuxe Rubbol* solid color system.*

*WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact 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 USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

*"WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact 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 USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation."*
Pressure-Treated Wood with Water Repellent Coated Surfaces

- For lumber treated with paraffin wax or water repellents (i.e., ‘Thompsonized’ or ‘Wolmanized’), wait 12 months for the surface treatment to weather off; then follow preparation procedures. These treatments cannot be removed by washing or sanding.

- If the condition of the existing coating or its adhesion to the surface are in question, the old coating must be removed before applying any Sikkens ProLuxe Rubbol solid color system.
Rough Sawn Wood

- Remove loose dust, dirt and fibers with a stiff bristle brush before the application of any coatings. If the wood has been exposed for more than 30 days, is weathered, dirty or mildewed, follow the *Sikkens ProLuxe* recommended cleaning and power washing procedure.

- For areas affected with water stains, blue fungi, rust stains or tannin discoloration, treat with oxalic acid or wood brightener following the *Sikkens ProLuxe* recommended power washing procedure.
Hardwoods (mahogany, ipe, teak, etc.)

- Follow the recommended cleaning procedures for new or old bare wood and immediately prior to coating, wipe hardwoods with acetone or lacquer thinner to remove any natural oils that may migrate to the surface. Apply the coating within two hours of the solvent wipe.
Exterior Preparation Procedures - Maintenance

For Translucent and Opaque Coatings in Good Condition:

• Wet the surface with clean water. Clean the surface with a solution of 2 oz. (4 oz. for SRD) of 100% powdered Tri-Sodium Phosphate (TSP) or 4 oz. (8 oz. for SRD) phosphate-free substitute, 1 quart of outdoor bleach and 3 quarts of water. Apply with a garden pump-up sprayer.

• Allow the cleaning solution to sit on the wood for 15-20 minutes, keeping it wet while lightly scrubbing to remove surface contaminants and mildew/mold spores.

• Power-wash the cleaning solution from the surface, using no more than 500 psi, at 8-12 inches from the surface.

• Let the surface dry for 3 days and proceed with the maintenance coat.
Why Sikkens ProLuxe products?

- The dyno-mill is an exclusive Sikkens ProLuxe process that is the catalyst that allows our high quality ingredients to out-perform other products.
- Industry-leading translucency for maximum clarity and beauty.
Why Sikkens ProLuxe products?

- Sikkens ProLuxe coatings provide water repellency and UV protection for the most harsh environments and climates.

- The permeability of our resins allows moisture to escape through the finish as a vapor, but doesn’t allow standing water or rain to penetrate the finish.
Why Sikkens ProLuxe products?

- Sikkens ProLuxe exterior coatings contain a fungicide to minimize deterioration from mold and mildew growth on the finish.

- Sikkens ProLuxe wood finishes maintain their flexibility when temperatures are extreme. This helps prevent cracking and peeling, common with varnishes and polyurethane coatings.
Sikkens ProLuxe Wood Finishes

Why Sikkens ProLuxe products?

- When a temperature differential is present between the inside and the outside of a structure, wooden window sashes and doors can flex. This can put a strain on ordinary wood finishes (polyurethanes and varnishes) causing the film to break instead of flexing with the wood.

- Cetol Door & Window was developed to maintain its flexibility in all weather conditions, including temperature differentials. In contrast to varnishes and polyurethanes, Cetol Door & Window ready-mix colors provide optimum clarity, beauty, and protection for the wood.
Why Sikkens ProLuxe products?

- Exclusive dyno-mill process
- Outstanding water repellency
- Exceptional protection against UV exposure and damage
- Permeability allows the wood to breathe
- Formulated with fungicides, minimizing deterioration on the finish
- Flexibility to allow for expansion and contraction of the wood
Cetol Exterior Translucent Wood Finishes and Semi-Transparent Stains: Penetrating Finishes
Sikkens ProLuxe Cetol SRD is a one-coat, exterior translucent, exterior wood finish for use on a variety of wood surfaces.

**PERFORMANCE HIGHLIGHTS:**

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>One-coat application</td>
<td>Easy to use</td>
</tr>
<tr>
<td>High-quality translucent iron oxide pigments</td>
<td>Excellent UV protection &amp; wood clarity</td>
</tr>
<tr>
<td>Good for decks and siding</td>
<td>Multi-use product for a variety of applications</td>
</tr>
</tbody>
</table>

**RECOMMENDED FOR:**

- Siding
- Rails
- Decks
- Siding shakes & shingles
- Fences
- Boat docks
- Outdoor furniture
- Logs

*Not all composite decks provide adequate adhesion. An adhesion test should be conducted to determine if your material is appropriate. Also, staining may void some composite manufacturer’s warranties.*
Cetol Siding Rails Decks Semi-Transparent Stain

Sikkens ProLuxe Cetol SRD Semi-Transparent Stain is a one-coat, exterior wood stain for use on a variety of wood surfaces. It’s unique formulation has added protection to guard against nature’s harshest element, the sun.

PERFORMANCE HIGHLIGHTS:

<table>
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<tr>
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<tr>
<td>One-coat application</td>
<td>Easy to use</td>
</tr>
<tr>
<td>UV absorbers</td>
<td>Added UV protection leads to less frequent maintenance</td>
</tr>
<tr>
<td>Good for decks and siding</td>
<td>Multi-use product for a variety of applications</td>
</tr>
<tr>
<td>Penetrating formula</td>
<td>Penetrates to protect against wear and moisture</td>
</tr>
</tbody>
</table>

RECOMMENDED FOR:
- Siding, rails & decks
- Outdoor furniture
- Fences
- Boat docks
- Logs
- Siding shakes & shingles

*Not all composite decks provide adequate adhesion. An adhesion test should be conducted to determine if your material is appropriate. Also, staining may void some composite manufacturer’s warranties.
Application Guidelines

*Cetol* SRD Translucent Finish and *Cetol* SRD Semi-Transparent Stain

- Follow the recommended prep procedures (p.13) for new or weathered wood.
- Apply only one coat of *Cetol* SRD Translucent Finish or *Cetol* SRD Semi-Transparent Stain.

**Application Method**

- Apply SRD Semi-Transparent stain with a nylon/polyester brush or synthetic roller, or airless sprayer.
- Apply SRD or SRD RE translucent finish with a natural bristle brush, natural roller cover, or airless sprayer.
- If spray or roller application is used, immediately back-brush for even penetration and appearance.
- For even application on deck floors, use a ¾ inch nap roller, and a pad applicator or nylon/polyester brush for back-brushing.
- SRD RE on horizontal surfaces (decks) should be applied by brush only.

Please refer to the Product Label, TDS or MSDS for safety and detailed application instructions.
Cetol SRD Translucent Finish and
Cetol SRD Semi-Transparent Stain

- Follow the recommended prep procedures for maintenance (p.25).
- Apply only one coat of Cetol SRD Translucent Finish or Cetol SRD Semi-Transparent Stain when visually required.

Special Notes

- An existing coating of Cetol SRD should be removed before applying another coat of Cetol SRD –See Exterior Preparation Procedures – Previously Coated Surfaces - Cetol (Translucent) (p.21).
- All previous coatings must be removed prior to the application of Cetol SRD Translucent Finish or Cetol SRD Semi-Transparent Stain.
- For optimal performance and appearance on new cedar decks, mechanically sand with 60 – 80 grit sandpaper.
- Hardwoods may require more frequent maintenance. Do not apply Cetol SRD Semi-Transparent Stain to hardwoods.
- Cetol SRD RE is available where reduced emission products are required.

Please refer to the Product Label, TDS or MSDS for safety and detailed application instructions.
Cetol Exterior Translucent
Wood Finishes: Film Building
Cetol 1 RE™ and Cetol 23 PLUS RE™

Cetol 1 RE is a translucent exterior wood basecoat to be used with Cetol 23 Plus RE. Its superior oil alkyd formulation offers excellent penetration and adhesion to vertical wood surfaces.

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

**PERFORMANCE HIGHLIGHTS:**

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Translucent Iron Oxides</td>
<td>Improved clarity, color retention and protection from graying</td>
</tr>
<tr>
<td>UV Absorbers</td>
<td>Added UV protection contributes to less frequent maintenance</td>
</tr>
<tr>
<td>Excellent Microporosity</td>
<td>Minimizes the occurrence of peeling and blistering</td>
</tr>
<tr>
<td>Translucent Film Forming System</td>
<td>Durable, rich look with a satin sheet</td>
</tr>
</tbody>
</table>
Cetol Log & Siding is a high-performance, translucent satin finish for exterior vertical wood surfaces. This alkyd, high-solids formulation offers optimum protection and a beautiful look in just two coats.

**PERFORMANCE HIGHLIGHTS:**

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
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</thead>
<tbody>
<tr>
<td>High Solids Alkyd</td>
<td>Only two coats needed for optimum protection and beautiful look</td>
</tr>
<tr>
<td>Translucent iron oxide pigments and UV absorbers</td>
<td>Combination provides excellent UV protection to prevent graying and weathering</td>
</tr>
<tr>
<td>Excellent Microporosity and Flexibility</td>
<td>Prevents blistering and cracking due to expansion and contraction or moisture build-up</td>
</tr>
</tbody>
</table>

**RECOMMENDED FOR:**

- Siding
- Logs
- Trim
- Garage doors
- Fir
- Cedar
- Pine
- Spruce
- Redwood
Application Guidelines

**Cetol 1 RE and Cetol 23 Plus RE**

1. Follow the recommended prep procedures (p.12) for new or weathered wood.
2. Apply one coat of **Cetol 1 RE** and two coats of **Cetol 23 Plus RE**, allowing a minimum of 24 hours dry time between coats – check for complete dry.
3. For outdoor furniture and fence applications, apply two coats of **Cetol 1 RE**.

**Cetol Log & Siding**

1. Follow the recommended prep procedures (p.12) for new or weathered wood.
2. Apply 1st coat of **Cetol Log & Siding** at recommended spread rate.
3. Wait minimum 24 hours – check for complete dry.
4. Apply 2nd coat of **Cetol Log & Siding**.

Please refer to the Product Label, TDS or MSDS for safety and detailed application instructions.
Maintenance Guidelines

Cetol 1 RE and Cetol 23 Plus RE or Cetol Log & Siding

- 2-3 years for south and west exposures.
- 3-4 years for north and east exposures.

1. Apply one coat of Cetol 23 Plus RE, Cetol Log & Siding, or Cetol Maintenance RE for standard applications.
2. For outdoor furniture and fence maintenance, apply one coat of Cetol 1 RE every one to two years.

Refer to Product Brochure for complete maintenance instructions
When using the Cetol film-forming systems, coating thickness is crucial not only to the durability of the coating, but should be varied to adapt to the moisture that the wood may contain or encounter.

Because the moisture content for logs can vary, for all log home applications, please call Sikkens ProLuxe Sales/Technical Support at 1-866-745-5367.
Film Thickness Comparison

For the following surfaces and applications, follow the system options and recommendations below.

- Log homes with new, green, wet logs
- Picnic Tables
- Garden Furniture
- Fences

- Log homes with new, green, wet logs

- Entry doors, windows & trim
- Garage doors
- Log homes
- Siding

- Log homes
- Siding
- Garage doors

Cetol 23 Plus RE
Cetol 1 RE
Cetol Log & Siding
Cetol Log & Siding
Cetol Maintenance RE

Cetol Maintenance RE is a premium, non-pigmented exterior satin finish that can only be applied over a previously coated Cetol 23 Plus RE or Cetol Log & Siding system where the surface is in good condition and has been maintained according to Sikkens ProLuxe guidelines. Typically with maintenance coats, pigmented products will further darken the wood. With a one coat application of Cetol Maintenance RE finish, the wood will retain the same look and color.

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<table>
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<tr>
<th>Features</th>
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</thead>
<tbody>
<tr>
<td>Non-Pigmented (Colorless)</td>
<td>Developed to provide a non-darkening maintenance coat for vertical surfaces (siding, logs, &amp; trim)</td>
</tr>
<tr>
<td>High Solids Alkyd</td>
<td>Provides maintenance protection in one coat</td>
</tr>
<tr>
<td>Excellent Microporosity and Flexibility</td>
<td>Minimizes blistering and cracking due to expansion and contraction or moisture build-up</td>
</tr>
</tbody>
</table>
Application Guidelines

**Cetol Maintenance RE**

1. Follow the recommended preparation procedures for maintenance (p.25).

2. Apply one coat of *Cetol* Maintenance RE every 2-3 years or sooner if visually necessary.

**Special Notes**

- *Cetol* Maintenance RE is not for use on decks, entry doors, or outdoor furniture.

- Apply only to surfaces that are in good condition, and have been maintained according to Sikkens maintenance guidelines.

- *Cetol* Maintenance RE may be used only over existing *Cetol* 23 Plus RE or *Cetol* Log & Siding – not as a stand-alone system. Do not use on bare wood.

- **DO NOT** apply over *Cetol* Door & Window, *Cetol* SRD or CETOL DEK Finish™.

Please refer to the Product Label, TDS or MSDS for safety and detailed application instructions.
Cetol Door & Window

Cetol Door & Window finish is a high-performance finish for specialty applications such as exterior doors and windows. This alkyd high.solids formulation offers optimum protection and a distinctive look to enhance the beauty of any home.

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RECOMMENDED FOR:

- Doors
- Windows
- Garage doors
- Fiberglass doors
Application Guidelines

Cetol Door & Window

1. Follow the recommended preparation procedures (p.12) for new or weathered wood.

2. Apply three coats of Cetol Door & Window, allowing a minimum of 24 hours dry time between coats - check for complete dry. Sanding between coats is not recommended.

Application Method

- Apply 1st coat with high quality natural bristlebrush only (china bristle).

- Apply 2nd and 3rd coats with high quality natural bristle brush, or spray with back-brushing.

Please refer to the Product Label, TDS or MSDS for safety and detailed application instructions.
Cetol Door & Window

- Apply one coat of Cetol Door & Window every:
  - 2 to 3 years for south & west exposures
  - 3 to 4 years for north & east exposures

- Apply one coat every year for a 3-coat clear system.

1. Follow the recommended maintenance preparation procedures (p.25).

2. Apply one coat of Cetol Door & Window, color or clear.

Special Notes

- Shaded areas, or shop coated projects will dry much more slowly.

- Do not use Cetol Door & Window clear gloss or clear satin by itself on areas heavily exposed to UV light.

- For a greater selection of colors, Cetol 1 RE may be used as a base coat for Cetol Door & Window.

Please refer to the Product Label, TDS or MSDS for safety and detailed application instructions.
Cetol Door & Window – System Options

Moderate UV Protection

<table>
<thead>
<tr>
<th>COLOR</th>
<th>CLEAR</th>
<th>CLEAR</th>
</tr>
</thead>
</table>

Apply 3 coats of Cetol Door & Window clear gloss or satin.

Good UV Protection

<table>
<thead>
<tr>
<th>COLOR</th>
<th>CLEAR</th>
<th>CLEAR</th>
</tr>
</thead>
</table>

Apply 1 coat of Cetol Door & Window ready-mix-color, and 2 coats of clear gloss or satin.

Better UV Protection

<table>
<thead>
<tr>
<th>COLOR</th>
<th>COLOR</th>
<th>CLEAR</th>
</tr>
</thead>
</table>

Apply 2 coats of Cetol Door & Window ready-mix-color, and 1 coat of clear gloss or satin.

Best UV Protection

<table>
<thead>
<tr>
<th>COLOR</th>
<th>COLOR</th>
<th>COLOR</th>
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Apply 3 coats of Cetol Door & Window ready-mix-color.
Cetol DEK Finish is a high-performance, translucent satin finish for exterior decks. This alkyd, high-solids formulation offers optimum protection and a beautiful look in just two coats.

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**RECOMMENDED FOR:**
- Decks
- Lattice
- Railings
- Benches
- Pressure-treated lumber
- Pine
- Exotic hardwood
- Cedar
- Redwood
- Composite materials

*Not all composite decks provide adequate adhesion. An adhesion test should be conducted to determine if your material is appropriate. Also, staining may void some composite manufacturer's warranties.*
Application Guidelines

*Cetol DEK FINISH*

1. Follow the recommended prep procedures (p.12) for new or weathered wood.

2. Apply two coats of *Cetol DEK FINISH*, allowing a minimum of 24 hours dry time between coats - check for complete dry.

*Maintenance Guidelines*

- Apply 1 coat of *Cetol DEK FINISH* every:
  - 12-18 months for Softwoods
  - 12 months for Hardwoods

*Special Notes for Hardwoods Preparation*

- Mechanically sand hardwoods with 60 grit sandpaper only.

- When coating hardwoods (mahogany, IPE, etc.), wipe with acetone or lacquer thinner immediately prior to the first coat of *Cetol DEK* Finish.

Please refer to the Product Label, TDS or MSDS for safety and detailed application instructions.
Which translucent system should be used?

_Cetol DEK FINISH or Cetol SRD?

1. Are you willing to sand the horizontal boards with 60 - 80 grit sandpaper for preparation?  
2. Can you coat the underside and end grains of the horizontal deck boards?  
3. Is your deck well ventilated?  
4. Is your deck a minimum of 2 feet above the ground?  
5. Are the deck floor boards spaced at least 3/16 - 1/4 inch?  
6. Is your deck wood free from cracks, splits, rot, and large nail holes?  
7. Is your deck free from areas of moisture (i.e. hot tubs, swimming pools, sprinkler systems, etc.)?

If you answered YES to all seven questions, _Cetol DEK Finish_ would be a great choice for your deck.  

If your deck doesn’t follow all of the guidelines, _Cetol SRD, Cetol SRD RE or Cetol SRD Semi-Transparent_ would be the best choice for your deck.
• The condition of the wood should be evaluated when choosing a Sikkens ProLuxe translucent system. Wood that is clean but in poor condition (i.e. cracks, splits, knot holes, high and low grains, etc.) is not recommended for Cetol DEK FINISH or any of the film-forming systems. Cetol SRD, SRD Semi-Transparent, or Rubbol Solid would be recommended.

• The ideal surface for the application of Cetol DEK FINISH, or any of the film-forming systems is a smooth, clean surface sanded with 60-80 grit paper, free of defects (i.e. cracks, splits, knot holes, etc.)

• All sides of every board must be coated with Cetol DEK FINISH.
Rubbol Exterior Solid Color Stain
Rubbol Solid Stain

The hybrid alkyd/acrylic formula is designed to give the advantage of both an alkyd and an acrylic. This hybrid formula features the versatility and high performance needed for both the professional contractor and the “do-it-yourselfer.” This unique formulation is the ultimate choice for exterior wood surfaces.

PERFORMANCE HIGHLIGHTS:

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hybrid Alkyd/Acrylic Formula</td>
<td>Best properties of alkyds and acrylics such as penetration, color retention, adhesion and water clean-up</td>
</tr>
<tr>
<td>Excellent Adhesion</td>
<td>Bonds to bare wood or surfaces previously coated with either oil or water-based coatings</td>
</tr>
<tr>
<td>Excellent Flow</td>
<td>Excellent application when brushed, rolled or sprayed</td>
</tr>
</tbody>
</table>

RECOMMENDED FOR:
- Siding
- Trim
- Shakes
- Shingles
- Fences
- Logs
- Garage doors
- Pre-primed fiber cement siding
- Exterior plywood (T1-11 board)
- Cedar
- Pine
- Spruce
- Fir
Application Guidelines

Rubbol Solid Stain

1. Follow the recommended preparation procedures for new or weathered (p.12) and previously coated surfaces (p.21).

2. Apply two coats of Rubbol Solid, allowing 4-6 hours dry time between coats.

Application Method

- Brushing is the preferred method of application, using a nylon-polyester 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 .015”-.019” tip at 1200-1600 psi, adjust pressure as needed.

Please refer to the Product Label, TDS or MSDS for safety and detailed application instructions.
Maintenance Guidelines

Rubbol Solid Stain

1. Follow the recommended preparation procedures for maintenance (p.25).

2. Under normal weathering conditions, apply two coats of Rubbol Solid Stain every 2-3 years for decks, or when visually required.

3. Under normal weathering conditions, apply one to two coats of Rubbol Solid Stain every 5-8 years for siding, or when visually required.

Special Notes

- If extractive bleeding (i.e. tannins, sap, knots) is present, first apply an exterior oil (alkyd) based stain-blocking primer.

Please refer to the Product Label, TDS or MSDS for safety and detailed application instructions.
Interior Preparation Procedures
Barewood

1. Remove all hardware, or tape hardware that cannot be removed.

2. Clean the surface with a solution of 4 ounces of 100% powder TSP (or 8 oz. phosphate free substitute) in one gallon of warm water. Do not let the TSP solution dry on the surface or adhesion problems may occur. Wipe the surface with a damp cloth or sponge and let dry.

3. Fill all cracks, holes, etc. with a good quality acrylic tinted or stainable wood filler to match the color of the project. Let dry fully before sanding. Do not use oil based fillers (putties) or wax sticks.

4. Sand the surface using 100-150 grit sandpaper. For Cetol UV Interior or when a finer finish is desired, do an additional final sanding using 180-220 grit sandpaper.

5. Vacuum the surface, then wipe it with a damp cloth to remove all dust. Proceed with the application.
Previously Coated Wood

1. The general recommendation is to completely remove the old coating before application of any Sikkens ProLuxe system.*

2. However, if in good condition, certain types of old coatings can be refinished without first being completely removed, depending upon the Sikkens ProLuxe system that is to be applied.

3. Before coating, first clean using TSP solution, then allow to dry. Sand using 180 - 220 grit sandpaper. Remove dust and proceed with application.

*WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact 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 USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.
Cetol Interior Finishes
**Cetol BL Interior Clear**

*Cetol BL Interior Clear* finish is a urethane-fortified acrylic formulation designed to offer a high-performance clear satin finish for most interior wood surfaces. *Cetol BL Interior Clear* finish offers protection, durability and easy application.

**PERFORMANCE HIGHLIGHTS:**

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Drying</td>
<td>Minimizes time needed between coats</td>
</tr>
<tr>
<td>Urethane Enhanced</td>
<td>Resists scratches and wear &amp; tear</td>
</tr>
<tr>
<td>Non-Yellowing</td>
<td>Long-lasting clarity</td>
</tr>
<tr>
<td>Waterborne</td>
<td>Easy clean-up / Low odor</td>
</tr>
</tbody>
</table>

**RECOMMENDED FOR:**

- Doors
- Windows
- Furniture
- Logs
- Trim
- Sun rooms
- Molding
- Paneling
- Ceilings
Application Guidelines

Cetol BL Interior Clear

1. Follow the recommended preparation procedures (p.61) for new or unfinished wood.

2. Apply one coat of Cetol BL Interior Clear.

3. Wait 4 – 6 hours and lightly sand with a scuff pad, or 220 grit sandpaper.

4. Vacuum and wipe with a damp cloth to remove all dust.

5. Apply a second coat of Cetol BL Interior Clear.

6. For optional third coat, repeat steps 3, 4, & 5.

Application Method

- Apply by nylon/polyester brush, synthetic roller, or spray.

Special Notes

- Do not apply on kitchen cabinets, kitchen tables, bathrooms, poolrooms, or areas of high humidity.

- Do not use steel wool for sanding or buffing.

Please refer to the Product Label, TDS or MSDS for safety and detailed application instructions.
Cetol UV Interior Clear finish is a unique waterborne product designed to protect interior wood without leaving any color or sheen on the surface. For use on light-colored wood, the UV absorbers minimize yellowing and allow the wood to look natural.

PERFORMANCE HIGHLIGHTS:

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clear, Matte Finish</td>
<td>Allows for a natural, uncoated wood appearance</td>
</tr>
<tr>
<td>UV Absorbers</td>
<td>Minimizes color change of the wood</td>
</tr>
<tr>
<td>Acrylic Resin</td>
<td>Minimizes yellowing</td>
</tr>
<tr>
<td>Waterborne</td>
<td>Easy clean-up / Low odor</td>
</tr>
</tbody>
</table>

RECOMMENDED FOR:

- Logs
- Sun rooms
- Paneling
- Ceilings
Application Guidelines

Cetol UV Interior

1. Follow the recommended preparation procedures (p.61) for new or unfinished wood.

2. Apply one coat of Cetol UV Interior with nylon/polyester brush or synthetic pad.

3. Wait 2 hours and lightly sand with a scuff pad, or 220 grit sandpaper.

4. Vacuum and wipe with a damp cloth to remove all dust.

5. Apply a second coat of Cetol UV Interior.

Special Notes

• Cetol UV Interior is for bare wood applications only. Do not apply over previously coated surfaces.

• For use on light colored wood only.

• Do not use on kitchen cabinets, doors, furniture, or floors.

• Do not apply in areas of high humidity such as bathrooms or pool rooms.

• Do not use steel wool for smoothing or sanding.

Please refer to the Product Label, TDS or MSDS for safety and detailed application instructions.
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