

General Description

Cetol DEK Finish is a high performance, translucent satin finish for exterior decks. This alkyd high solids formulation offers optimum protection, ultimate durability and a beautiful furniture-like appearance with the simplicity of a one product two coat application. The high solids alkyd resin used in Cetol DEK Finish is another example of the advancements central to the Sikkens Next Wave technology.

Recommended Uses

- Decks
- Lattice
- Railings
- Benches
- Pressure Treated
- Pine
- Exotic Hardwoods
- Cedar
- Redwood
- Composite Materials

Features and Benefits

- **High Solids Alkyd** - Fewer coats needed for optimum protection and premium look
- **Translucent Iron Oxide Pigments & UV Absorbers** - Combination gives high performance UV protection preventing graying and deterioration
- **Microporosity and Flexibility** - Minimizes blistering and cracking due to expansion and contraction or moisture build-up
- **Added Silica** - Improves the wear and tear properties and adds longevity to the finish

Color Range and Packaging

005 Natural Oak
045 Mahogany
077 Cedar
078 Natural

U.S. Quarts: 005, 045, 077, 078

U.S. Gallons: 005, 045, 077, 078

U.S. 5 Gallons: 005, 045, 077, 078

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

Product Data

Gloss: Satin

Viscosity Poise 23°C: 1.3 - 2.1

Weight per Gallon: 7.85 - 8.25 lb./gal.

Solids by Weight: 62.5 - 65.0%

Solids by Volume: 56.0 - 58.0%

VOC: <350 g/l

Application

Method: **Brush only.** Long-haired natural bristle brush.

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

Thinning: None; ready to use after stirring well.

Coverage: Smooth wood - 350 - 450 sq. ft./gal.
8.6 - 11.0 m²/l

Cleanup: Mineral Spirits

Drying Time: Re-coatable in minimum 24 hours @ 68° F (20° C) and 65% relative humidity.

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.**

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Preparation Procedures for New, Uncoated Deck Surfaces:

Prepare wood surfaces by mechanically sanding with 60 - 80 grit sandpaper.

Preparation Procedures for Weathered, Uncoated Deck Surfaces:

Spray the surface with clean water, wetting the wood. Clean the surface with a solution of four (4) ounces of 100% Tri-Sodium Phosphate (TSP) or phosphate-free substitute plus one (1) quart of liquid bleach in three (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 to 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 one (1) foot from the surface for full effectiveness. Let the surface dry for three (3) days before application (i.e. the moisture content is below 18%). Weathered gray wood, or wood affected with blue fungi or rust from nails may be treated, after cleaning with the TSP solution, by applying a solution of four (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. Do not let the solution to dry on the surface. After treatment, allow surface to dry for three (3) days. All horizontal surfaces must be mechanically sanded with 60 - 80 grit sandpaper after cleaning. Cetol DEK Finish should be applied within one (1) week of preparation.

For application on hardwoods, wipe the surface with acetone immediately prior to applying Cetol DEK Finish. Apply coating within two (2) hours of wiping with acetone.

On previously coated wood, all coatings must be completely removed before applying Cetol DEK Finish.

Standard Application Procedure:

It is always recommend to perform a two (2) 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. Do not apply on decks with less than two (2) feet clearance from the ground. The deck boards should be free of cracks, rot, large nail holes, and have sufficient gapping (3/16" - 1/4") for proper water drainage and air flow. Decks should not be skirted or boxed in (lattice may be used with good deck gapping). This system should not be used on areas subject to high moisture (i.e. boat dock, decks around swimming pools or hot tubs, and decks exposed to water from sprinkler systems).

After preparation, brush on the first coat of Cetol DEK Finish to all six (6) sides of the boards. Let the surface dry for a minimum of 24 hours. Brush on the second coat of Cetol DEK Finish. Do not apply by rolling or spraying. During application, saturate all end grains, nail holes, cavities, and cracks in the wood. Brush on an even 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 and continuing to the other end of the board. To ensure complete product curing, wait seven (7) days before you move any furniture back onto your deck. To prevent hazing (whitish haze on the surface) from occurring, allow a minimum of five (5) hours drying time before dew, frost, or rain is expected. If hazing should occur, let the product dry for seven (7) days. Lightly sand with 180 - 220 grit sandpaper, remove dust, and then reapply a thin coat of Cetol DEK Finish under more favorable weather conditions. Cetol DEK Finish is compatible over an existing Cetol DEK Base or Cetol DEK system. Do not use Cetol DEK Finish on an enclosed/covered porch area. Cetol DEK Finish requires UV light to cure properly. The absence of UV will significantly slow the drying process.

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Maintenance Procedures and Schedule:

Proper maintenance starts with visual inspection. One (1) coat of Cetol DEK Finish must be applied every 12 - 18 months. For hardwoods one (1) coat of Cetol DEK Finish must be applied every 12 months. However, as weathering, exposure conditions, altitudes, 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) dry days after power washing. Apply one (1) coat of Cetol DEK Finish.

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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