

General Description

Sikkens Cetol Door & Window 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 for these unique areas. Available as a clear satin, clear gloss, or four ready-mix colors in satin. The high solids alkyd resin used in Cetol Door & Window is another example of the advancements central to the Sikkens Next Wave Technology.

Recommended Uses

- Exterior Wood Entrance Doors
- Wood Garage Doors
- Window Frames
- Fiberglass Doors

Features and Benefits

- **High Solids Alkyd** - Excellent film build for optimum protection and premium look
- **Translucent Iron Oxide Pigments & UV Absorbers** - Combination gives high performance UV protection preventing graying and deterioration
- **Excellent Microporosity & Flexibility** - Minimizes blistering and cracking due to expansion and contraction or moisture build-up

Color Range and Packaging

003 Colorless (clear)
006 Light Oak
009 Dark Oak
045 Mahogany
078 Natural

U.S. Quarts: 006, 009, 045, 078,
003 (satin and gloss)

U.S. Gallons: 003 (satin and gloss)

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

Product Data

Gloss:	Satin - 30 - 40 @ 60° Gloss - >80 @ 20°
Viscosity Poise 23°C:	Satin - 1.8 - 2.8 poise Gloss - 1.3 - 1.7 poise
Weight per Gallon:	Satin - 7.6 - 8.0 lb./gal. Gloss - 7.62 - 7.82 lb./gal.
Solids by Weight:	Satin - 61.0 - 65.0% Gloss - 61.4 - 63.4%
Solids by Volume:	Satin - 56.0 - 58.0% Gloss - 54.4 - 56.4%
VOC:	Satin - <350 g/l Gloss - <350 g/l

Application

Method:	Long haired natural bristle brush. Clear gloss and clear satin may be sprayed with an airless sprayer (tip size .011 - .013)
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 m ² /l
Cleanup:	Mineral Spirits
Drying Time:	Touch-dry after approximately three (3) hours at 68° F (20° C); re-coatable in minimum of 24 hours.
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.

General Information:

Entrance and garage doors, as well as windows, have a unique problem in that they have joints and seams, and therefore a lot of open grain. If not properly treated, this could cause coatings failure due to excess moisture intake. Additionally, the temperature difference that exists between the exterior and interior can cause moisture transport, which may lead to problems. To reduce or eliminate the possibility of coating failure in these situations, some simple procedures should be adhered to. Doors should be coated on all sides, including top and bottom. Windows should be coated on the interior as well as the exterior. If possible, coat the frame structure of the window. Garage doors should be coated on the bottom and top of the doors, replacing hardware only after the coating is dry. Where there are holes or areas where joinery meets, saturate heavily with the coating and, where necessary, fill with a high quality polyurethane or acrylic based caulk/filler and let cure prior to applying Cetol Door & Window. Refer to caulk/filler manufacturer for proper application.

Preparation Procedures for New, Weathered and Uncoated Wood:

Sand door and window surfaces with 80 - 120 grit sandpaper. Hardwoods must also be wiped with acetone immediately prior to application. Weathered gray wood, or wood affected with blue fungi or rust from nails may be treated 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 and scrubbed with a stiff bristle brush before the final rinse with clean water. Do not let the solution dry on the surface. After treatment, allow surface to dry for three (3) days. Re-sanding may be necessary. Old, damaged coatings must be completely removed before application of Cetol Door & Window. Do not apply Cetol Door & Window over other coatings.

Standard Application Procedure:

It is always recommended to perform a three (3) coat color and sheen test sample of the wood. Color can vary with application, porosity and type of wood. Intermix batches to ensure color and sheen consistency. For best performance, a total of three (3) coats, using any combination of color(s) or clear topcoats, should be applied. Example - one (1) coat of ready-mix color followed by two (2) coats of clear; or, two (2) coats of ready-mix color followed by one (1) coat of clear; or, three (3) coats of ready-mix color. **For best UV protection, apply three (3) coats of ready-mix color.** Do not use three (3) coats of clear alone on areas which receive high levels of UV exposure. Apply in the direction of the wood grain. Maintain a wet edge to prevent lap marks. Allow 24 hours minimum dry time between each coat. Cetol Door & Window may be used on the interior side of exterior doors but will take longer to dry. For fiberglass doors, please contact Sikkens Sales and Technical Support Department. Cetol Door & Window clear top coats may be used as a system over Cetol 1. Example - one (1) coat of Cetol 1 followed by two (2) coats of Cetol Door & Window clear; or, for a darker color and enhanced UV protection, two (2) coats of Cetol 1 followed by two (2) coats of Cetol Door & Window clear.

Maintenance Preparation:

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, wet the surface with clean water. Wash with a solution of two (2) ounces of 100% powdered Tri-Sodium Phosphate (TSP) or phosphate free substitute, plus one (1) quart of liquid bleach in three (3) quarts of water. Let the solution sit on the surface for 15 - 20 minutes. During this time period, scrub the surface with a hard bristle brush. Do not let the solution dry on wood or glass. Keep it wet. Thoroughly rinse the cleaning solution from the surface with clean water. Allow surface to dry three (3) days before applying one (1) coat of Cetol Door & Window.

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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