

Cetol Door & Window

General Description

Cetol Door & Window is a high performance exterior coating for specialty applications such as entrance doors, garage doors, and windows. Available in 4 translucent ready-mix colors in satin and in clear satin and gloss.

Recommended Uses

Exterior wood entrance doors, garage doors and window frames, as well as fiberglass doors. (May be used on the interior side of exterior doors and windows, but will take longer to dry.)

Features and Benefits

High solids alkyd -
Excellent film build for optimum protection and premium look.

Translucent iron oxide pigments and UV Absorbers - combination gives high performance UV protection preventing greying and deterioration.

Excellent microporosity and flexibility - prevents blistering and cracking due to expansion and contraction or moisture build up.

Color Range and Packaging

Clear satin and gloss - quarts and gallons
006 Light Oak satin - quarts
009 Dark Oak satin - quarts
078 Natural satin - quarts
045 Mahogany satin - quarts

Product Data

Gloss levels:	Satin - 30-40 at 60° Gloss - >80 at 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 lbs/gallon Gloss - 7.62 - 7.82 lbs/gallon
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 gm/L Gloss - < 350 gm/L

Application

Method - Soft long haired natural bristle brush.
Clears may be sprayed using an airless sprayer with a tip size of .011 - .013.

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

Cleaning-Up - Mineral Spirits

Exterior Drying Time - Dust dry after approximately 3 hours at 68°F (20°C).
Recoat in 24 hours minimum.

Note: During application, moisture content of the wood substrate should not exceed 18%.

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General Information:

Entrance and garage doors as well as windows have a unique problem in that they have joints and seams, 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 well 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 good polyurethane or acrylic based caulk/filler.

Preparation procedure 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 wood affected with blue fungi or rust from nails may be treated 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 surface for 15-20 minutes and scrubbed with a bristle brush before the final rinse with clean water. Let dry 3 days before coating. 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.

Application Procedure:

Stir well before and during use. Intermix batches to assure color and sheen consistency. During application, saturate all end grains, nail holes, and cracks in the wood. Apply in the direction of the wood grain. Maintain a wet edge to prevent lap marks. Do not apply when the surface is hot to the touch, or when dew or frost is present or expected within 5 hours or in wet weather. For best performance, a total of 3 coats using any combinations of colors or clear topcoats should be applied. Example - 1 coat of ready-mix color followed by 2 coats of clear; or, 2 coats of ready-mix color followed by 1 coat of clear; or, 3 coats of ready-mix color. Allow 24 hours minimum dry time between each coat. For best UV protection, apply 3 coats of ready-mix colors. Do not use 3 coats of clear alone on areas which receive high levels of UV exposure. For fiberglass doors please contact our Technical Support Department. It is always recommended to apply a 3 coat test sample on your wood before application to check desired color and sheen. Cetol Door & Window clear top coats may be used as a system over Cetol 1. Example - 1 coat of Cetol 1 followed by 2 coats of Cetol Door & Window clear; or, for a darker color and enhanced UV protection, 2 coats of Cetol 1 followed by 2 coats of Cetol Door & Window clear.

Note: Cetol Door & Window is compatible over an existing Cetol TGL system.

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Maintenance preparation:

Proper maintenance starts with visual inspection. A timeframe of 2 to 3 years on the south and west exposure and 3 to 4 years on the north and east exposures can be used as a general guideline for a maintenance coat of Cetol Door & Window. However, as weathering and exposure conditions vary widely, maintenance may be needed sooner and should be performed when visually necessary regardless of the timeframe. To prepare the surface before application of the maintenance coats, wet the surface with clean water. Wash with a solution of 2 ounces of 100% powdered Tri-Sodium Phosphate (TSP) or phosphate free substitute, plus 1 quart of liquid bleach in 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. Let it dry 3 days before applying 1 coat of Cetol Door & Window.

Health and Safety Data

Warning: DANGER! RAGS, STEEL WOOK, 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 and Safety Data Sheet found on our website or by calling Customer/Technical Support at 1-866-SIKKENS..

Product Disclaimer

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