



spraying



for windows



for doors



Potlife



stir before use



water thinnable

store and transport
in a frost free area

sikkens

WOOD COATINGS



store in a cool place

cleaning of
equipment with
water

2
COMPONENTS

Cetol WF 973

Product description Waterborne, transparent, satin gloss, two-component mid and top coat for front doors. Must be interlaced with WV 850 before processing.

Only in the case of unweathered wooden constructions, e.g. wood-aluminium constructions and other wooden surfaces in the interior, it is not necessary to add WV 850.

- good mechanical resistance
- Safety of Toys (according to EN 71, part 3)
- brilliant clear, resistant layer

Colour Translucent, colour tints i.e. from the Joinery Colour Collection.

When selecting a translucent coating system, one should observe the VFF leaflet HO.01 "classification of coating systems for wooden windows and doors". All colour tints are mixable with each other. The optical impression of individual colours on various substrates or dry thicknesses varies, therefore trials before coating is necessary. When using timbers containing inhibitors i.e. Oak, larch or tropical timbers, a discolouring of the paint system can be expected.

Gloss level Satin-gloss

Binder type Acrylate copolymer reinforced with PU

Pigments Light genuine, weather resistant translucent pigments

Packaging Sikkens Cetol WF 973 in 10 l, 20 l packaging
Sikkens WV 850 in 1 l packaging

Processing Spraying

Wet film thickness: 2 x 150 µm

Amount to be added: 2 % of WV 850

Pot life: approx. 24 h after the components have been mixed.

Consumption approx. 150 ml/m², depending on applied wet film thickness, without overspray.

Thinning If necessary with water max. 5 %.

Application temperature 15 - 25 °C for substrate, air and material at approx. 60 % R.H.

Drying times The drying process of the coating depends on the applied wet film thickness and can extend when using timber with a high extract contents or drying in damp/cold conditions. During the drying process one should ensure for adequate temperature and ventilation.

If the drying conditions are not upheld, damages within the coating cannot be warranted.

Drying at 23 °C / 50 % R.H.

Dust dry: after approx. 60 minutes

Recoatible: after approx. 4 - 6 hours waterborne

Cleaning of equipment Clean directly after use with water, if needed with washing up liquid or with ST 830.

Storage The minimum storage stability of sealed containers is 1 year.

Storage temperature: +5 - +30 °C.

After ending of the storage time the product still can be usable, but some attributes may vary from new product. Therefore such over-stored product has to be applied with special attention.

Opened cans must be sealed correctly! Store in a cool but frost-protected area.

Disposal Only residue emptied cans can be disposed via recycling. Liquid wastes must be disposed of according to national regulations or according to EU-disposal key 08 01 12.

Hazard identification In accordance with EC guide lines - Material safety data sheet, point 15.

Warning Before use, read the identification and product information. Even when working with low emission products one should take care of the customary protection measures.

General instructions The wood moisture content for the application of Sikkens coating systems should be between 12 % and 15 %.

According to the guidelines for window coating systems, published by the Federal German Committee for Paint and Material Value Protection (Instruction Leaflet No. 18), of VOB, Part C, DIN 18363, and the recommendations of the German Institute for Window Technology e.V. in Rosenheim, all wooden constructions in buildings must be coated on all sides with at least one primer and one intermediate coat (minimum dry film thickness 30 µm) before they are incorporated in buildings. The choice and use of the coating system, especially the colour shade, should also be taken into account. Darker shades can increase the surface temperature (up to 80 C).

For use in a technical industrial companies and exclusively released for Sikkens systems recomondations.

VOC guideline EU limit value for this product (Kat. A/e): 150 g/l (2007)/130 g/l (2010). This product contains max. 50 g/l VOC.

Relevant information The here mentioned coating system is only an example, other systems are possible.

All external materials (i.e. fillers, tapes, sealing compounds, cleaners) must be checked for compatibility with the coating system before use.

Please observe the relevant Technical Data Sheets or seek advice from the Sikkens sales representative or contact the technical centre.

Coating recommendation When using the light shades on timber with high extract contents (i.e. Meranti, Larch, Oak) discolouration due to moisture may appear.

The coating system can only be recoated with a recommended solventborne maintenance product when it is renovated,

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after cleaning with the special cleaning agent, slightly sanding and cleaning of dust.
When coating leaf woods, we recommend the use of a pore filling midcoat.

System structure: Dimensional stable wooden constructions

Impregnation	Impregnation for the wood resistance class 3-5. Do not use more than one BPD-product in ONE system. Cetol WV 885 BPD+ Cetol WV 880 BPD
Primer	Cetol WP 566
Mid coat	Cetol WM 610 Cetol WF 973 Cetol WM 665 Cetol WM 675
Top coat	Cetol WF 973

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