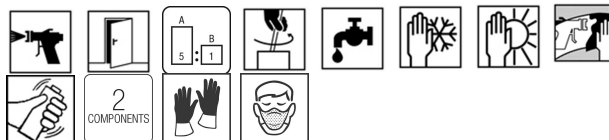


# Cetol WF 990



**sikkens**  
WOOD COATINGS

Product description
Waterborne two-component, non-yellowing clear PU topcoat as topcoat for doors, window boards and metallic with high demands on mechanical and chemical resistance.
- high transparency
- good flow
- good mechanical resistance
- tested according to DIN EN 71 Part 3 "Safety of toys"

Colour
Colourless

Gloss level
Satin matt

Binder type
Acrylate, PU-crosslinking

Hardening
WH 860

Density (specific weight)
approx. 1.00 - 1.03 kg/l

Packaging
5 l
Attention: can has to shaken well before use!

Processing
Spraying
Wet film thickness: 1 x 100 up to max. 120 µm
Mixing ratio 5:1 (5 parts of lacquer : 1 part of hardener)
Pot life: approx. 4 h after the components have been mixed

Consumption
100 - 150 ml/m², depending on applied wet film thickness per coat without overspray.

Thinning
Ready to use.
If necessary with water max. 5 %.

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

Drying time		
Drying at:	Standard atmosphere: 23 °C / 50% rel. humidity	Forced at 40 °C
Dust dry	approx. 30 minutes	approx. 30 minutes
Sandable	---	---
Recoatable	approx. 4 - 6 hours	approx. 1 - 2 hours
Transportable	Approx. 12 hours	after cooling

Drying
The drying process of the coating depends on the applied film thickness and may be delayed when using timber with a high extractive contents or drying in damp/cold conditions. During the drying process, always ensure for adequate temperature and ventilation. If the drying conditions are not met, damages within the coating cannot be excluded.
After a minimum drying time of 4 hours up to a maximum of 24 hours, the next coat of Cetol WF 990 can be applied without intermediate sanding. If the next coat should be applied later, e.g., after drying overnight, intermediate sanding must be carried out to ensure proper adhesion. Therefore we recommend using a sanding paper with fine grain.

Cleaning of equipment
Clean with water immediately after use and, if required, add some commercially available washing-up liquid or ST 830.

Storage
The minimum shelf life (BBD) in the unopened original container is one year; Storage temperature +5 - +30 ° C.
After expiry of the BBD, the product may still be processable, but the product properties may differ from "fresh" material. For that reason, the user must apply expired material with particular attention.
Started containers must be closed carefully! Store in a cool but frost-free place. Isocyanate hardeners are moisture-sensitive. Always store in tightly closed containers.

Disposal
Only empty containers may be recycled. Dispose of material residues according to local regulations. The EC waste code applicable to such material is: 08 01 12

Safety Data Sheet
Further data in the Material Safety Data Sheet according to 91/155/EEC <a href="http://www.sikkens-wood-coatings.com">www.sikkens-wood-coatings.com</a> Downloads Safety Data Sheets

Warning
Before use, read the identification and product information. Always follow customary protection measures, even when working with low emission products.
CO <sub>2</sub> is released during the reaction of the two components. For that reason, the hardened product must not be poured into a closed container.

VOC Directive
EU limit value for this product (cat. A/e): 130 g/l (2010). This product contains max. 74 g/l VOC.

Products from AkzoNobel Wood Coatings are exclusively produced for professional and industrial users, who have a basic knowledge of the handling and application of chemical/technical products for surface design. The processing instructions for reaching the qualities given in the leaflets should be regarded as non-binding recommendations and do not constitute any warranty. These recommendations are based on our experiences, including test series, and should facilitate and promote the work of our clients. Any potential deviation from ideal working conditions is within the responsibility of our clients and may affect the (end) result of the application. The purchaser is not relieved from his duties to inspect the product and its suitability for the surface to be processed, preferably through trial processing. If in any doubt as to the handling or processing of the purchased product, our material experts as well as our application and laboratory technicians will help you to the best of their ability.

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### General instructions

The wood moisture content for the application of Sikkens coating systems should be between 12 % and 15 %. The selected wood, the design and the applied layer thicknesses must comply with current technical standards. All horizontal surfaces shall be bevelled by 15 ° and all edges shall be rounded with a radius of at least 2 mm. Joints and open end grains must be sealed to prevent the ingress of water into the structure. The substrates must be dry, free from dust and grease. The selection and application of the coating, especially the colour shade, is important, too. Dark coatings in the exterior may lead to an elevated surface temperature (up to 80 °C).

For use in technical industrial companies and intended only for recommended Sikkens systems.

### Notes

Cetol WF 990 may only be used on the following topcoats. The topcoats are not sanded before reworking with Cetol WF 990!

All external materials coming into contact with the coating system (e.g. putty, adhesive tapes, sealants, cleaners, etc.) must be tested for compatibility by the user.

Whenever polyurethane (PUR) material is to be over coated, the surface has to be sanded and sanding dust removed thoroughly just before commencing with further treatment to guarantee perfect bonding.

### Coating recommendation

When coating hardwood, we recommend using Rubbol WM 270 or Cetol WM 610 as pore-filling midcoat. For best surface appearance, pores must be closed.

### Coating system : Stable wooden constructions

Impregnation	Cetol WV 880 BPD
Primer	Cetol WP 566 Rubbol WP 151
Mid coat	Cetol WF 952 / WF 957 Cetol WF 945 / WF 960 / WF 965 Rubbol WF 390 metallic
Top coat	Cetol WF 990

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