



spraying



for doors



Mixing ratio



stir before use



water thinnable

store and transport  
in a frost free area

store in a cool place

# sikkens

## WOOD COATINGS

cleaning of  
equipment with  
watershake well before  
usewear protective  
glovesWear protective  
mask
**NEU!**

## Cetol WF 990

**Product description** Waterborne two-component, lightfast clear PUR lacquer as finishing coat for doors, window-sills and metallic with high demands on mechanical and chemical resistance. To use with hardener WV 860.

- high transparency
- good leveling
- good mechanical resistance
- Safety of Toys (according to EN 71, part 3)

**Colour** Colorless

**Gloss level** Satin-matt

**Binder type** Polyurethane

**Packaging** 5 L

Attention: can has to shaken well before use!

**Processing** Mixing ratio 5:1 (5 parts of lacquer: 1 part of hardener)

Spraying

Wet film thickness: 1 x 100 up to 120 µm max.

Pot life: approx. 4 h after the components have been mixed

**Consumption** 100 - 150 ml/m<sup>2</sup> depending on applied wet film thickness per coat without losses.

**Thinning** Do not thin down

**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. 30 minutes

Touch-dry: after approx. 1 hour

Sandable: after approx. 4 hours

Transportable: after approx. 12 hours

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 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.

PUR hardeners are sensitive to moisture. Please, store the hardener always in tightly closed containers.

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

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

**VOC guideline** EU limit value for this product (cat. A/e): 130 g/l (2010)

This product contains max. 74 g/l VOC.

**Relevant information** 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.

Cetol WF 990 may only be applied on the top coats mentioned in the following. The finish coats will not be sanded before overcoating with Cetol WF 990 !

All external materials (e.g., fillers, adhesive tapes, sealing compounds, cleaners, etc.) must generally be checked for compatibility.

Please refer to the corresponding Technical Data Sheets and ask your Sikkens field representative or the factory for advice with regard to the coating system.

**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.

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**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	Rubbol WP 193 Rubbol WP 151 Cetol WP 566
Mid coat	Rubbol WF 382 Rubbol WF 380 Rubbol WF 378 Cetol WF 965 Cetol WF 960 Cetol WF 957 Cetol WF 952 Rubbol WF 387 Rubbol WF 390 metallic
Top coat	Cetol WF 990

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