



spraying



for windows



for doors

limited dimension  
stable wooden  
constructions

stir before use



water thinnable

store and transport  
in a frost free area

store in a cool place

cleaning of  
equipment with  
water

# sikkens

## WOOD COATINGS

**NEU!**

# Cetol WF 945

**Product description** Waterborne, transparent, matt mid and finish coat for wooden constructions exterior and interior.

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

**Colour** With the choice of the different translucent colours, one should observe the Rosenheimer paint classification table. All translucent colours can be mixed with each other. The optical appearance of different systems can differ depending on substrate and wet film thicknesses, for this reason one should make trials before application.

Dark translucent colours give better weather durability than light colours. Colourless systems are not suitable for exterior.

Timbers which contain extractives i.e. Oak, Larch or tropical woods can cause discolouring - these can appear after weathering.

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

**Gloss level** Matt

**Binder type** pure acrylic dispersion

**Packaging** 5 L, 20 L

**Processing** Spraying

Wet film thickness: 2 x 150µm or 1 x 150 to max. 300µm.

It is recommended to apply colours in two coats.

**Consumption** 150 - 300 ml/m<sup>2</sup>, depending on applied wet film thickness per coat without losses.

**Thinning** If necessary with water max. 5 %.

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

**Drying times** Drying at 23 °C / 50 % R.H.

Dust dry: after approx. 30 minutes

Sandable: after approx. 4 hours

Recoatable: after approx. 4 - 6 hours waterborne

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.

**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 2 years.

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 recommendations.

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

This product contains max. 36 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.

When coating leaf woods, we recommend the use of a pore filling midcoat.

Akzo Nobel Industrial Coatings Ltd Unit 4a, Mercer Way, Shadsworth Blackburn, Lancs, BB12QZ

Bus Pk

UNITED KINGDOM

Tel. +44 1254 687950

Fax. +44 1254 687960

Akzo Nobel Industrial Coatings Ltd Unit 4a, Mercer Way, Shadsworth Blackburn, Lancs, BB12QZ

Bus Pk

Rep of IRELAND

Tel. +35 (0) 21 4220222

Fax. +35 (0) 21 4220205

Akzo Nobel Wood Coatings GmbH Düsseldorf StraÙe 96-100

D-40721 Hilden

GERMANY

Tel.: +49-2103-77-800

Fax: +49-2103-77-577

**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 665 Cetol WM 610 Cetol WF 945 Cetol WM 675
Top coat	Cetol WF 945

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