



spraying



for windows



for doors

limited dimension  
stable wooden  
constructions

Mixing ratio



stir before use



water thinnable

store and transport  
in a frost-free area

store in a cool place

cleaning of  
equipment with  
waterwear protective  
glovesWear protective  
mask

# sikkens

## WOOD COATINGS

**NEU!**

# Rubbol WP 151

**Product description** Waterborne, white two-component primer for spray application for wooden components, exterior and interior. Especially suitable for front doors, MDF/HDF and windows made out of discolorating wood species like e.g. pine, larch and hardwood.

The product consists of component A = primer and component B = hardener.

- good pore wetting
- high filling properties
- good sanding properties
- isolating property

**Colour** creme-white

**Gloss level** Matt

**Binder type** Component A: Acrylic-polyurethane combination Component B: isocyanate

**Pigments** Titanium dioxid

**Packaging** Component A: 4.16 l in 5 l can / 16.67 l in 20 l can  
Component B: 0.84 l in 1 l can / 3.33 l in 5 l can  
Component A + Component B = 5 l / 20 l

**Processing** Spraying

Wet film thickness: 1 X 100 to 150µm  
Mixing ratio 5:1 (5 parts of lacquer: 1 part of hardener)  
Pot life: approx. 2 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** If necessary with water max. 5 %.

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

In the case of drying overnight, intermediate sanding is required before the next coat is applied.

**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. 2 hours

Sandable: after approx. 6 hours

Recoatable: after approx. 4 - 8 hours waterborne

After a minimum drying time of 4 hours up to a maximum of 16 hours, the midcoat can be applied without intermediate sanding. If the following coat is applied at a later time, e.g. after drying overnight, intermediate sanding must be carried out to ensure proper adhesion.

For good isolation and water resistance, a drying temperature of 25 - 30 °C is recommend; the temperature should not be less than 20 °C.

In case of forced drying at 40 °C and after cooling down, the next coat can be applied after approx. 1 hour.

**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.

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** 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.

To ensure a correct adhesion of the following coating system, the paint system should not be sanded down to the substate.

With some wood species, especially hardwoods, discolouration can appear due to natural wood extractives.

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VOC guideline EC limit value for this product cat. (A/d): 150g/l (2007) / 130g/l (2010). The mixture ready-to-use contains 63 g/l VOC.  
 VOC component A: 31 g/l.

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.  
 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.

**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 880 BPD Cetol WV 885 BPD+
Primer	Rubbol WP 151
Mid coat	Rubbol WF 382 Rubbol WF 380 Rubbol WF 378 Rubbol WF 375 Rubbol WF 373 Rubbol WF 387 Rubbol WM 270
Top coat	Rubbol WF 380 Rubbol WF 378 Rubbol WF 375 Rubbol WF 373 Rubbol WF 382 Rubbol WF 387

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