

# Rubbol WP 168 BPD



## Product description

Waterborne, white impregnating primer (fluid wood preservative, concentrate), for wooden components made of pine and hardwood with a complete wooden protection of non-statically stressed components without ground contact, exterior.

Impregnation and primer in one single application.

- good run-off properties
- good pore wetting
- good hiding power

## Active ingredient

0,8 g/100 g Propinylbutylcarbamate iodine 1,13 g/100 g Propiconazol 0,38 g/100 g Tebuconazol 0,05 g/100 g Ciproconazol

Wood protection agents must be registered according to the BPD. (BPD = Biocide Product Directive)

BAuA-registration Nr. N-52590

The active substances are notified acc. to guideline 98/8/EG and correspond to the specification EN 599 against blue stain and rot fungi.

## Uptake consumption

The examination follows the uptake value: 120-160 ml/m<sup>2</sup> i.e. 140-185 g/m<sup>2</sup> for timber in the resistance classes 3-5

## Colour

White

## Binder type

Acrylic alkyd resin combination

## Pigments

Titanium dioxide

## Density (specific weight)

approx. 1.16 kg/l

## Packaging

20 l, 120 l

## Processing

dipping, flow-coating

Processing viscosity is approx. 13 seconds in DIN cup 4 mm or approx. 38 - 44 seconds in ISO cup 3 mm with a material temperature of 20 °C.

## Consumption

50 - 160 ml/m<sup>2</sup>, depending on application method, type and absorption properties of wood (exact values must be established by tests).

## Thinning

Adjust with approx. 15 - 20 % of water to processing viscosity.

## 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	approx. 4 hours	approx. 60 minutes
Recoatable	approx. 4 - 6 hours	approx. 1 - 2 hours

## 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.

## 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 in the unopened original container is two years; 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. Dipping tanks containing material must be covered correctly and stirred or circulated regularly.

## Disposal

Only empty containers may be recycled. Dispose of material residues according to local regulations. The EC waste code applicable to such material is: 03 02 02.

## Safety Data Sheet

Further data in the Material Safety Data Sheet according to 91/155/EEC [www.sikkens-wood-coatings.com](http://www.sikkens-wood-coatings.com) Downloads Safety Data Sheets

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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### Warning

The impregnation serves as a protection of none statically subjected wooden constructions without earth contact, exterior, against blue stain and rot according to DIN 68800, part 3.

Before use, read the identification and product information. Always follow customary protection measures, even when working with low emission products.

Biocide products must be handled carefully

Not for use with wood which has got direct contact with foodstuff or animal feedstuff. Only to be used by qualified enterprises.

Not to be used near waterways. Do not allow the product to enter any water course. Wood preservatives contain biocidal substances for the protection of wood against parasites. They are only to be used according to the instructions and in permitted application areas. Misuse may be harmful to health.

Dipping tanks or reservoirs: when using metal reservoirs, we recommend using stainless steel, e.g., V2A, the use of other materials may cause corrosion.

### VOC Directive

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

### 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. Only to be used in approved and recommended Sikkens Wood Coatings coating systems.

### Notes

The coating system mentioned here is exemplary, other systems are possible. All external materials coming into contact with the coating system (e.g. filler, adhesive tapes, sealants, cleaners, etc.) must be tested for compatibility by the user. Please refer to the relevant Technical Data Sheets and ask your Sikkens Sales Representative or at the factory for a system consultation. Intermediate sanding may only be done after the subsequent coating. The product reduces the discolouring caused by extractives. The effectiveness can be increased by using an isolating base and mid coat. Foam formation during the application can be reduced by using defoamer WV 888. For information concerning the dosage, please see the relevant Technical Data Sheet.

### Coating system : Stable wooden constructions

Impregnating primer	Rubbol WP 168 BPD
Primer	
Mid coat	Cetol WM 665 Rubbol WP 193 / WP 198 Rubbol WM 270
Top coat	Rubbol WF 375 Rubbol WF 378 / WF 380 Rubbol WF 382 / WF 387 Rubbol WF 3300-03-20 Rubbol WF 3310-03-xx

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