



dipping



flow coating



for windows



for doors



limited dimension  
stable wooden  
constructions



non 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

## Rubbol WP 194

**Product description** Waterthinnable, white base and midcoat for constructions made of pine and leaf wood with isolating properties against waterthinnable extracts, exterior and interior.

A dry film thickness of 30µm can be achieved if flow coated twice.

- good run-off properties
- wood moisture regulating
- good pore wetting
- high filling properties

**Colour** White

**Binder type** Acrylic -Alkyd resin combination

**Pigments** Titanium dioxid

**Packaging** 20 L, 120 L

**Processing** dipping, flow-coating

Working viscosity is approx. 13 seconds in a DIN cup 4 mm i.e. approx. 38 - 44 seconds in a ISO cup 3 mm at 20° C material temperature.

**Consumption** 50 - 160 ml/m<sup>2</sup>, depending on application method, type and absorption properties of wood (exact values must be established through a sample)

**Thinning** Ajust with approx. 15-20% water to working viscosity

**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

Recoatible: 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** A dipping tank containing material must be covered correctly and stirred or circulated regularly.

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** The substance is not be employed near water courses. They are only to be used according to the instructions and in the permitted areas. Misuse can lead to health and environmental damages.

Dipping tanks or reservoirs: when using metal reservoirs, we recommend using None rusting steel i.e. V2A, the use of other materials can lead to corrosion.

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.

The sealing process with Kodrin WV 470/472 should only be applied after the mid coat

**VOC guideline** EU limit value for this product (Kat. A/d): 150 g/l (2007)/130 g/l (2010). This product contains max. 30 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.

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

Bus Pk

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

Bus Pk

Akzo Nobel Wood Coatings GmbH Düsseldorf StraÙe 96-100

D-40721 Hilden

UNITED KINGDOM

Tel. +44 1254 687950

Fax. +44 1254 687960

Rep of IRELAND

Tel. +35 (0) 21 4220222

Fax. +35 (0) 21 4220205

GERMANY

Tel.: +49-2103-77-800

Fax: +49-2103-77-577

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.

**System structure: Dimensional and semi dimensional stable wooden constructions**

|              |  |
|--------------|--|
| Impregnation | Impregnation for the wood resistance class 3-5. Do not use more than one BPD-product in ONE system.<br>Cetol WV 885 BPD+<br>Cetol WV 880 BPD |
| Primer       | Rubbol WP 194  |
| Mid coat     | Rubbol WP 194<br>Rubbol WM 270<br>Cetol WM 675<br>Cetol WM 665<br>Rubbol WP 198  |
| Top coat     | Rubbol WF 382<br>Rubbol WF 380<br>Rubbol WF 378<br>Rubbol WF 375<br>Rubbol WF 387  |

All details on our products contained in this publication do not represent details of the quality of the goods. The quality, suitability, qualification and function intended use of our goods shall be determined exclusively in accordance with the product descriptions based on the respective sales agreements. In each case, deviations typical of the sector shall be admissible, unless agreed in writing otherwise. All details correspond to today's state of technology. We make no claim as to the completeness of the stated coating installations; they are stated merely as possible examples. Due to the large number of substrates and object conditions, the buyer/user shall not be released from his/her obligation to check our raw materials in a workmanlike manner for their suitability for the intended purpose on his/her own responsibility subject to the respective property conditions and process these in accordance with the respective state of technology. In other respects, our standard terms and conditions of sale apply. Upon the appearance of a new edition, this publication shall lose its validity.

|                                    |   |                          |                |                         |                         |
|------------------------------------|---|--------------------------|----------------|-------------------------|-------------------------|
| Akzo Nobel Industrial Coatings Ltd | Unit 4a, Mercer Way, Shadsworth<br>Bus Pk | Blackburn, Lancs, BB12QZ | UNITED KINGDOM | Tel. +44 1254 687950    | Fax. +44 1254 687960    |
| Akzo Nobel Industrial Coatings Ltd | Unit 4a, Mercer Way, Shadsworth<br>Bus Pk | Blackburn, Lancs, BB12QZ | Rep of IRELAND | Tel. +35 (0) 21 4220222 | Fax. +35 (0) 21 4220205 |
| Akzo Nobel Wood Coatings GmbH      | Düsseldorfer Straße 96-100                | D-40721 Hilden           | GERMANY        | Tel.: +49-2103-77-800   | Fax: +49-2103-77-577    |