



dipping



flow coating



for windows



for doors



stir before use



water thinnable



store and transport
in a frost free area

sikkens
WOOD COATINGS



store in a cool place



cleaning of
equipment with
water

Rubbol WM 274 FlowSealer

Product description Waterborne, white base and midcoat for wooden constructions made of pine and leaf wood - especially suitable for porous timber, exterior and interior. Flow coating twice can achieve a dry thickness of 30µm.

- good pore wetting
- high filling properties
- good hiding power

Colour White

Binder type Acrylic -Alkyd resin combination

Pigments Titanium dioxide

Packaging 20 L, 120 L, 600 L

Processing dipping, flow-coating

Working viscosity is approx. 14 seconds in a DIN cup 4 mm i.e. approx. 50 - 60 seconds in a ISO cup 3 mm at 20° C material temperature.

Consumption 100-150 ml/m²

Thinning If necessary with water max. 5 %.

Adjust with water to 13-15 seconds with a DIN cup 4 mm at 20C material temperature.

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. 60 minutes

Sandable: after approx. 4 hours

Recoatible: after approx. 4 - 6 hours waterborne

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.

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

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

VOC guideline EU limit value for this product. (A/D): 150g/L (2007) / 130 g/L (2010). This product contains max. 100 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.

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.

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 880 BPD Cetol WV 885 BPD+
Primer	Rubbol WP 194 Rubbol WM 274 FlowSealer
Mid coat	Rubbol WM 274 FlowSealer
Top coat	Rubbol WF 387 Rubbol WF 382 Rubbol WF 380 Rubbol WF 378

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