



spraying



for windows



for doors

limited dimension
stable wooden
constructions

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 WF 380

Product description Waterborne, opaque, satin matt midcoat and finish for wooden constructions, exterior and interior.

- good leveling
- good weather resistance
- Safety of Toys (according to EN 71, part 3)

Colour Various gloss levels can lead to varying appearances
Colours from RAL, Sikkens 5051 colour concept and NCS
Pur white (RAL 9010), Traffic white (RAL 9016)

Gloss level Satin-matt

Binder type pure acrylic dispersion

Pigments Titanium dioxide as well organic and inorganic coloured pigments

Packaging RAL 9010: 20 l; RAL 9016: 20 l, 120 l;
Coloured: 5 l, 10 l, 20 l (tinted in factory)

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/m², 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 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

Recoatable: 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.

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

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

Relevant information System recommendation for semi stable wooden constructions:

Due to the high wood moisture changes in these type of constructions, only a medium build system can be recommended. The complete dry film thickness should not exceed 200µm. A midcoat is not needed.

The product reduces the discolouring caused by inhabitants. The effectiveness can be increased with use of a isolating base and midcoat.

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 The coating system can only be recoated with a recommended solventborne maintenance product when it is renovated, after cleaning with the special cleaning agent, slightly sanding and cleaning of dust.
When coating leaf woods, we recommend the use of a pore filling midcoat.

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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
Mid coat	Rubbol WM 270 Rubbol WF 380 Cetol WM 665
Top coat	Rubbol WF 380

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