

Rubbol WP 170

Stain inhibiting water-borne, moisture vapour permeable primer & mid-coat for hardwoods.

Characteristics

- Specially formulated for application by dipping, flow coating & saturation spraying as a primer and spraying as a mid-coat
- Inhibits staining caused by water soluble timber extractives on most hardwood timber species
- A first class foundation for various types of opaque decorative coatings
- Good weather resistance as a semi finished system
- Excellent adhesion to hardwoods



Properties

Composition:

Special synthetic polymer.

Drying Times:

Run off - 5 to 10 minutes.

Dust dry - After approx. 1 hour.

Dry to handle - After approx. 2 - 3 hours.

Dry to de-nibbing - After approx. 3 hours.

Recoatible - After approx. 4 hours.

The above drying times are calculated at 20°C and 65% relative humidity, air speed minimum 0.5 metres per second **across the faces** of the items and 15 air changes per hour. The drying times can be greatly reduced by altering the above conditions.

Immediately following application it is advisable to keep the joinery in still humid air for at least 10 to 15 minutes. This allows the product to flow out and will reduce the possibility of the surface drying before run off, when applying by saturation.

Drying is crucial to the application process. It is also recommended that a joint consultation with Akzo Nobel Specialist Coatings and the equipment manufacturers concerned takes place for each factory layout.

Minimum application temperature, material and air, 10°C.

Flash Point:

>100°C.

Volume Solids:

45%.

VOC:

EU limit value for this product (cat. A/g):

50g/l(2007)/30g/l(2010).

This product contains max 40g/l VOC.

Film Thickness (when using as a primer):

Spray: Wet 150µm.

Dry approximately 70µm.

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Application:

Initial Procedure:

Stir thoroughly immediately prior to use.

Method:

Dip, flow coat or air assisted airless spray.

Thinning:

Dip and flow coat, adjust viscosity to 13 to 15 seconds DIN CUP 4 at 20°C with clean fresh water. Check at least daily and maintain this viscosity.

When using as a mid-coat, thinning should not be necessary.

N.B: Dip tanks and flow coaters for application of this product should be constructed of stainless steel and covered with a tight fitting lid when not in use.

Spray Conditions:

Type	Fluid Pressure
Air assisted airless	80/100 bar
Air Assistance	Tip Size
Max. 2 bar	0.28mm/0.011"

These are suggested figures. Contact your spray equipment supplier for further advice.

Cleaning:

Clean equipment immediately after use with clean cold water followed by a solution of Sikkens ST 830 and fresh lukewarm water. Rinse with clean fresh water to remove all traces of contamination.

Colour Range:

White.



Packaging:

Pack Size:

20 Litres.

Storage:

Store in a cool, but frost free area.

Recommended Coating System:

A range of durable top coats is available from Akzo Nobel Specialist Coatings in various colours and sheen levels.

General Information:

It is our recommendation that all windows, doors, etc, should receive at least one coat of primer and one mid-coat in the joinery factory prior to arrival on site. We would recommend you always seek exact system advice from our **Technical Advice Centre** or one of our **Joinery Account managers**.

Before using this product please read the Material Safety Data Sheet for Sikkens **Rubbol WP 170**. If you do not understand any part of this Technical

Data Sheet, please contact the **Technical Advice Centre** on **01480 484 231**.

This data sheet supersedes all previous data sheets supplied relating to this product. It contains important information which must be communicated to the user. Users must satisfy themselves of the suitability of the product for the intended application and surface, as surface and application conditions are beyond the control of Akzo Nobel Specialist Coatings. Users must also satisfy themselves of the suitability of the product in circumstances other than those set out in this data sheet. Akzo Nobel Specialist Coatings is always willing to answer users enquiries regarding its products.

For further help and information on recommended coating systems and specifications please contact the Technical Advice Centre on 01480 484 231.



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Akzo Nobel Specialist Coatings is a trading division of Akzo Nobel Decorative Coatings Limited.

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