

RAK NC Primer

Product description

RAK NC Primer is nitrocellulose and modified alkyd resin based pigmented primer. It's a single pack material with excellent adhesion & sandability, opacity, smoother finish & quick drying for interior wooden objects. It provides a smooth, tough, durable finish with fast drying properties which will ultimately improve the productivity. It can be used on exterior wooden substrates where weather conditions are not harsh.

Typical use

Highly recommended for industrial and house furniture such as beds, cabinets, tables, chairs, sofas, doors and frames turned pieces and likes.

Colours

White & Grey

Product data

Property	Description
Gloss level (GU 60 °)	Matt
Solids by Volume	34 ± 2 %
Flash point	21 °C
Density	1.39 kg/l
VOC-EU	469 g/l

The provided data is typical for factory produced products, subject to slight variation depending on colour.

All data is valid for mixed paint.

Gloss description: According to RAK Performance Coatings' definition.

Film thickness per coat

Typical recommended specification range

Dry film thickness	30	-	40	µm
Wet film thickness	88	-	118	µm
Theoretical spreading rate	11.3	-	8.5	m ² /l

Practical coverage is totally depending up quality and nature of the substrate, weather and application DFT of the paint.

Surface preparation

Clean / Sand wood surface (New or previously coated) initially with emery paper No. 180 and later by emery paper No. 360 or 400. Properly remove all the dust by using rags and RAK Woodtech PU Thinner. Make sure all the traces oil, dust and grease like materials must be removed before application primer.

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Application

Application methods

The product can be applied by

Spray: Use conventional air spray or airless spray.

Brush & Roller: Recommended only when area is not suitable for spray application

Apply this product only if relative humidity is less than 85% and substrate temperature is minimum 10° C & above 3° C of the dew point

Product mixing

Single pack

Thinner/Cleaning solvent

Thinner: RAK NC Thinner

100% For Brush Application

150 -- 200% For Spray Application

Drying and Curing time

Surface Dry	10 Minutes
Tack free	15 Minutes
Full Cure	4 – 5 Hours
Recoating Time (Minimum)	3 - 4 Hours

Drying and curing times are determined under controlled temperatures and relative humidity below 85 %, 30° C temperature and at average of the DFT range for the product.

Pot Life

Single pack.

Product compatibility

Product compatibility depending on the actual exposure of the coating system, various primers and topcoats can be used in combination with this product. Some examples are shown below. Contact RAK paints for specific system recommendation.

RAK NC Primer --- 1 or 2 Coat

RAK NC Putty --- 1 Coat (Optional)

RAK NC Topcoat --- 1 or 2 Coat

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Apply multiple coats to achieve desired finish wet on wet. If necessary light sanding with 400 – 600 mesh is recommended before subsequent coat, when recoating time exceeds 3 hours.

Packaging (typical)

RAK NC Primer 3.6 L and 18 L

Storage

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Shelf life at 30 °C

RAK NC Primer 24 month(s)

In some markets commercial shelf life can be dictated shorter by local legislation. The above is minimum shelf life, thereafter the paint quality is subject to re-inspection.

Health and safety

During paint application, it is advisable to wear suitable protective guards (PPE). In case of accidental contact with eyes rinse immediately with plenty of water and seek medical advice. In case of inhalation- remove to fresh air, loosen collar and keep patient rested. Get medical treatment. For remove splashes from skin, use soap and water or approved skin cleanser. Flammable material always keeps away from sources of ignition and do not smoke. Ensure sufficient ventilation during application and drying. Do not breathe vapour/spray. Keep container tightly closed and keep out of reach of children. In case of fire - use foam, carbon dioxide or dry chemicals. For more information, refer MSDS.

Disclaimer

The data provided in this sheet is given to the best of our knowledge and based on laboratory testing and practical experience. We cannot guarantee anything but the product since the conditions and methods during application vary. We reserve the right to change the given data without prior notice. The product data sheet supersedes those previously issued.

For more information, contact your local RAK Paints Representative, go to www.rakpaints.com or call +971-7-2444036.