

APPLICATION GUIDE



ROKOAT WoodGuard

Overview

This product is designed for professional & non professional use.
1 litre will coat around 50 sq metres. Older, more porous timber may require further coats.

Safety Notes

Use in well ventilated areas. Use vapour filters on a mask.
Protective gloves and safety glasses must be worn at all times.
Health, safety and environmental information are provided for this product in the Materials Safety Data Sheet (MSDS). This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products.

Surface Preparation

- Clean surfaces to be treated thoroughly. Ensure all oils, dirt and adhesive film remnants are removed. Ensure the surface is dust free and thoroughly dry.
- Mastic does not need to be protected from Rokoat WoodGuard.
- Rokoat WoodGuard will stain fabric surfaces. Remove these from timber furniture before application.

Product Preparation

Gently agitate the product.

Application Methods

Spray

Sponge

Micro-Fibre (Wipe)

Applicator Pad

Brush / Roller

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Application Methodology

Brush & Sponge

- Brush and Sponge application will apply Rokoat WoodGuard at an average thickness of 5 – 10 μm .
- Apply this product using a clean soft brush or sponge in straight linear motions working with the grain (if possible).
- Work from corners, edges and difficult areas into easier open surface spaces.
- Apply liberally like a tint. Do not pool the coating. Protection is built through layering the coats rather than large quantities each time.
- Leave the product to dry for 15-25 minutes.
- Once dry additional coats can be applied.
- Repeat as necessary.

Spray

- Using a nozzle of 1.5mm will apply Rokoat WoodGuard at an average thickness of 2 – 5 μm .
- Load hopper with Rokoat WoodGuard.
- Start at a corner and working sideways in straight linear motions with the grain, move from difficult areas to easier open surface spaces.
- Apply liberally like a tint. Do not pool the coating. Protection is built through layering the coats rather than large quantities each time.
- Leave this product to dry for 15-25 minutes.
- Once dry additional coats can be applied.
- Repeat as necessary.

NOTE : It is strongly recommended to test your preferred application method before commencing on your desired surface. Rokoat WoodGuard will stain fabrics.

Curing & Secondary Coatings

- Usable ambient cured properties are obtained 24 hours after application. Leave 4 hours (dependant on temperate) before walking on surface.
- Water submersible or maximum product properties are achieved after 5 days.
- Older, more porous wood may require additional coats. A minimum 3rd coat application is recommended for high use areas.
- Once a natural 'wet look' is achieved no further coats are required.
- Rokoat TechShield Bonding Primer can also be used to adhere stickers, vinyl and decal.

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Properties

Colour	Clear
Viscosity	18-20 seconds #2 Zahn @ 25°C (77°F)
Percent of Solids	18-33%
Odour (liquid)	Slight Solvent
Odour (cured)	None
V.O.C.	Exempt per CFR 51.1 / Reg 8
Coefficient of Friction	0.03µm (ASTM D2047)
Thermal Stability (cured)	650°C (1200°F)
Conical Bond (1.27 cm mandrel)	Passed (ASTM D522-93a)*
Cross Cut Adhesion	5B (ASTM D3359)*
Specific Gravity	0.889 (ASTM D891.09)
Average Dry film thickness (per coat)	2-5µm
Estimated Coverage Rate (per coat)	36 – 66 m ² per L @ 5µm
Cure time (semi)	24 hours (50% of properties)
Cure Time (full)	5 days
Dust Free Time (Ambient)	15-25 min.
Transfer to Surrounding Material	0% (no transfer of contaminants)
Recoat (or to apply stickers, decal etc)	Requires Rokoat TechShield Bonding Primer
RoHS	Compliant
Halogens	None
Pencil Hardness	8h (ASTM D3363)