

APPLICATION GUIDE



ROKOAT RPX3000 Ultra

Overview

This is designed for Professional use only.

ROKOAT reserves the right to remove all warranties and guarantees on this product if not applied according to this guide.

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

- It is imperative to ensure the surface is thoroughly cleaned and free of all contaminants such as calcium, oils, dirt and adhesive film remnants. Achieve this by using a denatured alcohol solution.
- Ensure the surface is dry and dust free.
- Mask-up and / or protect surface that are NOT to be treated. RPX3000 Ultra will require a high level of abrasive polishing to remove.
- Consider use of Rokoat TechShield Bonding Primer for extreme surface adhesion, particularly with porous stone and marble.

Product Preparation

Gentle agitate the bottle. DO NOT SHAKE, bubbles affect the finished coating.
Close bottle immediately after use.

Application Methods

Spray

Sponge

Micro-Fibre (Wipe)

Applicator Pad

Brush / Roller

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Application Methodology

Spray (recommended)

- Spray with a fine nozzle applying an average thickness of between 7 - 18µm.
- Use a 0.8 or 1 mm HVLP gun for best results, with a low pressure of around 20 psi.
- Aim to apply as a fine mist of “dust coat”.
- Wash up with materials and clean overspray with MEK, acetone or similar.

Wipe

- Apply RPX3000 Ultra to a micro-fibre cloth.
- Apply coating as finely as possible to intended surface.
- Wash up with materials and clean with MEK, acetone or similar.

NOTE : It is strongly recommended to test before commencing on your desired surface. RPX3000 Ultra has extreme adhesive properties and will require high-level abrasion to remove.

Curing & Secondary Coatings

- Allow the coating to dry for 15 minutes in ambient conditions no warmer than 45°C (110°F).
- Once cured full properties are reached.
- Secondary coats are normally not required however if subsequent coats are necessary use ROKOAT Techshield Bonding Primer to enable adhesion.

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Properties

Colour	Clear
Viscosity	18-20 sec # 2 Zahn@25°C (77°F)
Percent of Solids	45%
Odour (liquid)	Slight Solvent
Odour (cured)	NONE
V.O.C.	Exempt per CFR 51.1 / regulation 8
RoHS	Compliant
Coefficient of Friction	- 0.02-0.03μ
Thermal Stability (cured)	815°C (1500°F)
Conical Bond	- (0.3175 cm mandrel) Passed (ASTM D522.93a)
Pencil Hardness	5h* (ambient cure)(ASTM D3363)
Cross cut adhesion	5B (ASTM D3359)
Specific Gravity	0.900 (ASTM D891.09)
Average applied dry film thickness	19.5 microns
Estimated Coverage Rate @19.5μm	22m ² per litre
Transfer to surrounding material	Zero (0) transfer of contaminates
Dust free (time @ambient)	15 – 25 minutes (average)
Semi-cured (time-ambient)	24hrs (50% of properties)
Full Cure Time (ambient)	5 days (average)
Re-coat (or to apply stickers, decals)	Requires ROKOAT TechShield Bonding Primer
Cleaning	MEK