SOLIDKOTE LIQUID RUBBER

Cool Reflective Elastomeric Waterproofing Roof Coating

Elastomeric, UV–Reflective, Cool Roof, waterproof coating solution. PU hybrid technology offering outstanding exterior durability and UV resistance along with excellent adhesion to multiple substrates. Long lasting, low temperature flexibility with superior crack bridging properties. Highly resistant to ponding water, swelling and blistering.

BENEFITS:

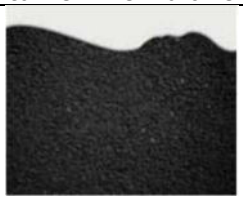
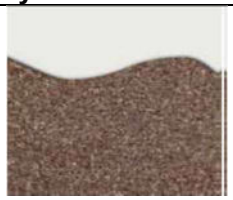
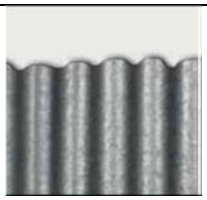
- Exterior durability
- Excellent adhesion
- Waterproof
- UV Reflective and Resistant
- Highly elastic
- Crack bridging
- Seamless
- Puncture resistant
- Easily application
- Protects against carbonation
- Economical
- Resists Dirt Pick Up

TYPICAL PROPERTIES	
Appearance	Viscous liquid
Colour	Various Standard
Components	Single pack
Volume Solids	50% (m/m)
VOC	5g / L
Touch Dry	2 - 4 hours
Tools	Brush, roller, airless spray
Coverage	2,5 - 3,5m² / L
Wet Film Thickness	250 - 400um (per coat)
Dry Film Thickness	250 - 400um (2 coats)
Over-Coating Time	4 - 6 hours
Service Temperatures	-15°C to 40°C
Application Temperatures	5°C to 35°C
Elongation	≥ 300%
Specific Gravity	1,3kg / L
Thinning	5 - 15% water
Shelf Life	2 years in original packaging
Storage	Cool dry place below 25°C. Protect from freezing.
PACKAGING	
5L and 25L buckets	

AREAS OF APPLICATION

Waterproofing of a variety of substrates:

- Flat roofs, pitched roofs, parapets, flashings
- Exterior walls
- Roof joints & roof screws
- Galvanized steel roofs
- Polyurethane foam
- Tiled Roofs
- Old Bitumen
- Concrete waterproofing
- Asbestos cement

Bitumen Membrane	Concrete
	
Polyurethane Foam	**Galvanized Steel**
	

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DIRECTIONS FOR USE

Solidkote Liquid Rubber may be applied by brush, roller or spray depending on area to be treated. Spray equipment should have a nozzle not smaller than 5mm. Check the suitability of all spray equipment before use.

PREPARATION

Ensure roofing surface is sound and structurally stable. All cracked, broken, slipped or missing slates, tiles, sheets or other forms of covering should be replaced or fixed as necessary. All roof surfaces to be coated should be sound, stable and clean, i.e. free from loose debris, dirt, dust, grease and all traces of mold growth should be removed with high pressure washing. Hairline cracks and defects will be effectively filled and covered by the coating.

In every case the first coat should be allowed to dry completely before applying the second. Before applying the second coat the dried film should be inspected for any misses or imperfections which should be made good before continuing. The second coat should be applied at right angles to the first coat in one direction only.

PRIMERS

CONCRETE & MASONRY

Ensure concrete substrates are clean, sound, dry and free from any contaminants such as dirt, rust, salt, algae and grease. Dilute the ***Solidkote Liquid Rubber*** 5 - 15% with clean water, mix and apply with a roller as the primer coat. Ensure full coverage and apply additional coat if the surface appears patchy or dull.

GALVANIZED SHEET METAL ROOF

Clean and degrease the surface with ***Galvphos*** (supplied by Technical Finishes). Apply a coat of ***Solidguard 303A*** as a rust inhibitive primer. Ensure the surface is evenly covered and particular attention should be paid to the bolt fixings where corrosion often begins. To the dry Primer apply ***Solidkote Liquid Rubber*** as specified.

BITUMEN MEMBRANE

Ensure surface is clean, sound and free of dirt and grease. Loose sheets should be repaired. Apply directly to the surface in a two coat system at right angles to one another. Membrane cloth may be used to bridge gaps.

POLYESTER MEMBRANE APPLICATION

Roofs and parapets: ensure that the surface to be coated is clean and receptive to the product. Apply a thick base coat at ± 1,5 - 2L/m² and immediately imbed the polyester reinforcing membrane into the wet film using a brush or roller wetted with the product. Ensure that complete contact is achieved and that no air is trapped beneath the membrane. The polyester membranes should be lapped by 50 - 75mm and the inside of each lap should be coated with the product. Small gaps and differences in levels should be bridged, ensure that the polyester membrane is not pulled too tightly across the gap, so that any movements in the structure will be accommodated. When the first coat has dried apply the second coat at right angles to the first.

WATCH POINTS

Solidkote Liquid Rubber is not resistant to rain until it is fully dried. Drying time may take just 4 - 6 hours depending upon the weather conditions. The product should not be applied if rain is threatening. It is best to apply the product in the morning of a good dry day. The product is not resistant to frost until it has dried and should not be applied to roof materials that are frozen or frosted. When frost is expected before it has dried or generally if the ambient temperature will fall below 5°C on the day of application, it is suggested that treatment be delayed until weather conditions are favorable.

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WARRANTY

Technical Finishes products are manufactured under high quality standards and are warranted against defective materials and are sold subject to standard Terms and Conditions of Sale, copies of which can be obtained upon request. Technical Finishes deals with approved applicators and carry a back to back warranty with these clients. Technical Finishes cannot be held responsible for the workmanship in surface preparation and application of our products, it is understood that the approved contractor will guarantee such workmanship and application. It is vital that the application is done in accordance to our specification.

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