

Rubberkoat Economy

Water based



Sparcolux Rubberkoat Economy is a heavy duty rubberised waterproofing system that offers exceptional adhesion, flexibility and tensile elasticity, making it a versatile product for use across a wide range of waterproofing applications and substrates. This high quality rubberised waterproofing system comes with an 8 year guarantee.

This medium sheen product is applied to form a seamless, flexible, high build film that stops water penetration thereby extending the life of roofs and other structures. Rubberkoat is resistant to extreme weather conditions, UV, mould & fungus, abrasion and stone chipping.



PRODUCT USES

- For various roof types including: Cement roof tiles, Fibre cement roof sheets, Galvanised iron roofs, Chromadek, Zinc Aluminium & AluZinc
- Exterior trims (fascias, gutters, window sills & cement garden pots)
- Exterior walls, Cement paving

Use on wide range of substrates including

Tiles	Cement roof tiles, fibre cement tiles, fibre cement sheets
Masonry	Brickwork, plaster, concrete, cement
Metals	Suitably primed galvanised iron, galvanised steel sheeting, mild steel, aluminium, Chromadek, Aluzinc
Woods	Timber, building boards



PHYSICAL PROPERTIES

Polymer type	Pure acrylic blend
Colour	6 colours, matched to Sparcolux Roofkoat colours
Appearance	Low to medium sheen
Viscosity	125ku to 135ku
SG	1.245 to 1.251
Mass Solids	0.635kg per 1 litre
Volume Solids	51 %
Shelf Life	12 months
Storage Conditions	Store out of direct sunlight in dry conditions between 15°C and 25 °C
Pack Size	5 Litre, 20 Litre



FEATURES & BENEFITS

- Low-cost waterproofing solution that can extend the lifespan of roofs & other structures
- Pure acrylic rubberised coating and topcoat that comes with an 8 year guarantee
- High-build thixotropic coating that allows a thick film formation on horizontal and vertical surfaces for a seamless, joint-free waterproofing film
- High elongation and resilient tensile strength
- Flexibility & elastic recovery for withstanding cracking and substrate movement (applied with membrane)
- UV, weather, mould, mildew, fungus and abrasion resistant
- Does not brittle, harden, chalk or fade over time

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APPLICATION PROPERTIES

Method	Brush, Roller, Spray Roller - high quality, microfibre synthetic long pile roller Spray - Airless spray (17 - 21 thou nozzle sizes)
Spreading Rate	0.4 - 0.5m ² per litre - with membrane application. 1.0 - 2.5m ² per litre - standard application (depending on substrate).
Number of coats	Roof paint - 2 coats. Waterproofing (with membrane) - 2-5 coats. Coastal Area - 3 coats.
Drying time	Waterproofing (with membrane) - 2-5 coats
Overcoating	Coastal Area - 3 coats
Thinning	Not recommended
Cleaning	Water



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SURFACE PREPARATION

- Ensure all substrates are thoroughly clean, sound, dry and free from any contaminants such as dirt, rust, salt, algae, fungi, lichens, oil, grease and loose, flaking paint.

Metal Surfaces

- Remove all loose, flaking and embedded rust, mill scale and paint by scraping off with either coarse sandpaper, a wire brush, a grinder, or sandblast (for large areas). Finish with a fine grain sandpaper, sanding to a smooth surface.
- For galvanised substrates, clean the substrate with a galvanised Iron Cleaner, following product instructions. Inaccessible rust should be removed with a Rust Remover product following instructions given.
- Once metal is returned to a sound condition, ensure the appropriate primer or undercoat is applied within 12 hours of surface preparation. For coastal areas painting should be done immediately after preparation, to prevent contamination and oxidation.

Unpainted surfaces - new

Granular, cement and fibre-cement roof tiles/sheets	Prime with Sparcolux Plaster Primer or Sparcolux Keybond as per instructions. Not suitable for clay, slurry or slate tile
Cement plaster, concrete and brickwork	The substrate must be aged for at least 28 days prior to priming. Prime with Sparcolux Plaster Primer following instructions.
Galvanised iron roofs	Clean substrate with an Iron Cleaner following instructions. Prime with a Galvanised Iron Primer within 12 hours or immediately for coastal environments, following instructions.
Wood	Sand lightly, dust off, seal knots and prime with Sparcolux Wood Primer following instructions.
PVC gutters and downpipes	Sand lightly and dust off. Prime with Sparcolux Metal Primer following instructions.

Chromadek, Aluzinc Roofing

- Clean substrate with a Galvanised Iron Cleaner following instructions.
- INLAND: Within 12 hours, prime with Sparcolux Metal Primer, following instructions.
- COASTAL: Immediately after cleaning, rinsing and drying, prime with Sparcolux Metal Primer, following instructions.

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Previously Painted Surfaces

Sound surfaces	Apply Sparcolux Rubbercoat directly to clean, sound and dry acrylics.
Chalk or flaking surfaces	Remove chalk or loose, flaking paint completely with a wire brush, sandpaper or high-pressure cleaner. Repair as required. Rinse and allow to dry. Apply Sparcolux Kerybond or Bonding Liquid as per instructions. Prime with the appropriate primer as for new surfaces.

- Care should be taken to ensure that no water pooling occurs and that there is a minimum of 2-5° pitch to allow water run off throughout the entire roof area.



APPLICATION INSTRUCTIONS

Roof coating

- Apply 2+ coats at uniform thickness with brush or roller or airless spray (17-21 thou nozzle)
- Use long even strokes and apply at right angles to the previous coat

Flashings, Parapets, Wall, Chimney Cappings, roof joints, roof screws

- Use a brush or roller to apply a thick basecoat (see coverage above) of Rubbercoat to an area slightly wider than the Membrane (Non-woven polyester fabric).
- Press membrane firmly into the wet Rubbercoat to obtain maximum saturation from below.
- Ensure a minimum of 50mm overlap of adjoining lengths of Sparcolux Membrane.
- Press out any air pockets and creases in the Sparcolux Membrane. Allow to dry.
- Apply a coat of Rubbercoat onto the Sparcolux Membrane to complete saturation. Allow to dry.
- Apply 1 further coat of Rubbercoat when touch dry, aiming for the desired total DFT (per above). Allow to dry

Do NOT apply:

- If the temperature is below 15°C or above 35°C
- If raining or rain is forecast
- If surface is damp (>10% Moisture content)
- Before 09:00 AM or after 16:00 PM
- If it rains between coats, allow the applied coat to dry for a minimum of 48 hours (at 23°C) ensuring the surface is completely dry, before continuing with the next coat



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DATASHEET WATERPROOFING

01/04/2024



COVERAGE

- See guide-only table below.
- DFT = Dry Film Thickness, WFT = Wet film Thickness.
- Use a WFT Measuring Comb to achieve the recommended WFT below.

AIRLESS SPRAY		
PRODUCT INFORMATION	WATERPROOFING HORIZONTAL	WATERPROOFING VERTICAL
Spread Rate	1.33 - 1.5m ² per litre per coat	2.0 - 2.5 m ² per litre per coat
Recommended WFT	650 - 750 Microns per coat	425 - 525 Microns per coat
Recommended DFT	250 - 300 Microns per coat	165 - 205 Microns per coat
Total recommended DFT	2 coats to achieve a minimum total of 600 Microns DFT	2 coats to achieve a minimum total of 400 Microns DFT

ROLLER OR PAINT BRUSH		
PRODUCT INFORMATION	WATERPROOFING HORIZONTAL	WATERPROOFING VERTICAL
Spread Rate	2.75- 4.0m ² per litre per coat	2.75- 4.0m ² per litre per coat
Recommended WFT	250 - 350 Microns per coat	250 - 350 Microns per coat
Recommended DFT	100 - 150 Microns per coat	100 - 150 Microns per coat
Total recommended DFT	5-6 coats to achieve a minimum total of 600 Microns DFT. Alternatively, use a steel trowel to achieve within 2 coats.	3-4 coats to achieve a minimum total of 400 Microns DFT



CLEANING

- Wash hands and equipment with water.
- Do not allow paint to dry before cleaning.
- Collect spills while wet with an absorbent cloth.



PRECAUTIONS

- Do not apply if rain is expected.
- Do not apply in temperatures less than 5 degrees celsius or greater than 30 degrees celsius



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SAFETY

- Sparcolux RubberKoat is water-based and is generally safe to use.
- Skin Contact: Wash thoroughly with soap and water.
- Eye Contact: Flush immediately with water for 10-15 minutes and contact a Doctor.
- Respiratory problems: Remove affected person to fresh air immediately and contact a Doctor.
- Internal consumption: If swallowed, contact a doctor or poison control centre immediately. Do not induce vomiting. Drink water.
- Keep out of reach of children.



PRODUCT GUARANTEE

- Sparcolux offers an 8 year quality guarantee on this RubberKoat product. To register any claim, please submit at <https://sparcolux-paints.co.za/contact-us/> and supply the following information: Contact details, product and purchase detail and batch number. A Guarantee reference number will be issued on successful application for you to record and keep in a safe place.

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