

System Specification Document

Rooflock 1070 Flat Roof Coating System

Manufacturer: Rooflock

Product reference: Rooflock 1070 Flat Roof System
(Refurbishment)

Materials: Hybrid Polymer Coating system,
gun grade sealant, polyester reinforcement membrane.

Substrates:

- Bitumen*
- Asphalt*
- Aged PVC and TPO single ply membranes**
- EPDM single ply membranes**
- Steel
- Galvanised steel
- Concrete
- Plastisol (weathered)
- Fibre cement



* Bitumen and asphalt surfaces must be weathered and entirely free from residual bitumen oils. As a guide, this will require an approximate minimum of 20 years aging. (For bitumen and asphalt surfaces less than 20 years old, contact Rooflock for advice regarding a primer)

** A peel test is recommended for this substrate to determine sufficient adhesion

Storage

Rooflock 1070 Coating products must be stored in a cool, dry environment. Do not expose to temperatures below 2°C or in excess of 35°C.

Moisture:

Although Rooflock 1070 is moisture tolerant and will cure under water to give full performance, Rooflock recommend that Rooflock 1070 is not applied to saturated roof substrates.

Thus, roof build-ups must be dry and free from trapped moisture. It is the responsibility of the roofing subcontractor to ensure this.

Detailing

In accordance the British Standard Code of Practice BS 6229, the Rooflock 1070 system must be terminated at a minimum of 150mm up all vertical surfaces, and a Rooflock GRP termination bar mechanically fastened to the wall to protect the leading edge of the coating.

Preparation:

Thoroughly clean the roof surface and allow the surface to dry.

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Primer (if specified):

Apply Rooflock Epoxy Primer in accordance with Application instructions.

Coating – wet-on-wet application (10 year warranty)

Apply **Rooflock 1070 Coating** evenly to the complete prepared roof surface at a rate of approx. 1.5 – 2kg per m².

Immediately saturate Rooflock Non-woven Polyester Reinforcement (min 100gsm) directly into the Rooflock 1070, applying directly from the roll where practical, ensuring any side laps are min. 50mm, and any end laps are min. 100mm.

Apply a further layer of approx. 0.5 – 1kg per m² of **Rooflock 1070 Coating** to fully saturate the fleece reinforcement. Minimum Total Coverage required: 2.5kg per m². (8 – 10m² per 25kg pail)

Allow approximately 24 – 48 hours for full cure.

Coating – wet-on-wet application (25 year warranty)

Apply **Rooflock 1070 Coating** evenly to the complete prepared roof surface at a rate of approx. 2.5 – 3kg per m².

Immediately saturate Rooflock Non-woven Polyester Reinforcement (min 100gsm) directly into the Rooflock 1070, applying directly from the roll where practical, ensuring any side laps are min. 50mm, and any end laps are min. 100mm.

Apply a further layer of approx. 1 – 1.5kg per m² of **Rooflock 1070 Coating** to fully saturate the fleece reinforcement. Minimum Total Coverage required: 4kg per m². (6m² per 25kg pail)

Allow approximately 24 – 48 hours for full cure.

Final inspection:

Ensure the coating system is evenly applied and Rooflock Non-woven Polyester Reinforcement is fully encapsulated.

Ensure detailing is waterproofed in accordance with the British Standard Code of Practice BS 6229.

Ensure outlets are flowing freely.



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