

# Leeson Watertite Roof Waterproofing System

COATING (PU4923 EC/ PU4924 UV)



## DESCRIPTION

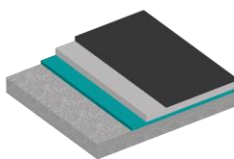
A seamless roofing system based on moisture triggered polyurethane technology. The system consists of a chopped strand reinforced base layer, sealed with a finish coat

## USES

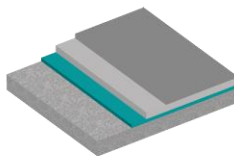
Roofs/ Balconies/ Water Towers

## BENEFITS

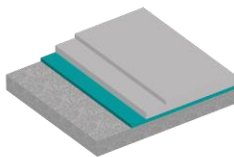
- Seamless – no joints to leak
- Excellent waterproofing
- UV resistant
- No embrittlement with age
- Bonds to many existing roof structures
- Range of colours
- Fire Rated to BS 476 Part 3 EXT F AA and EN 1187 B Roof (t4)



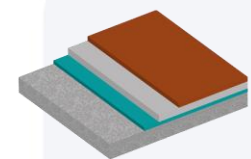
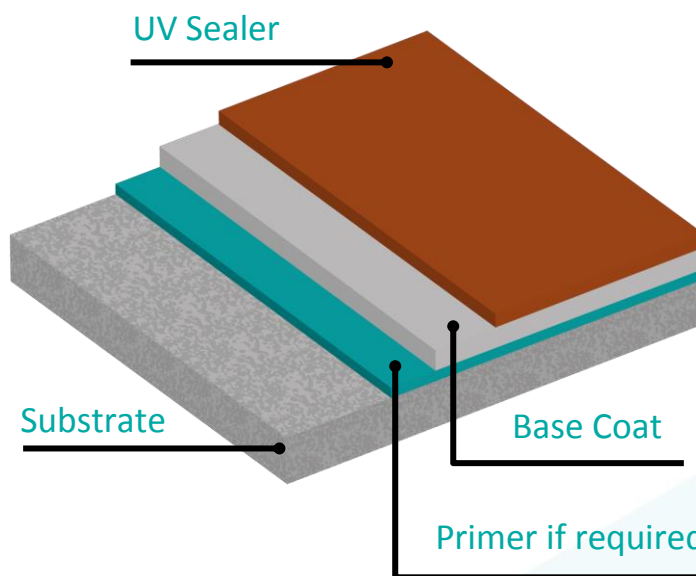
CM5 Dark Grey



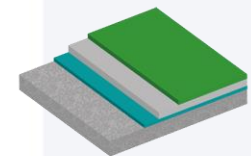
CM4 Mid Grey



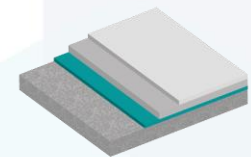
CM3 Light Grey



CM20 Terracotta



CM21 Copper Green



CM16 White



# Leeson Watertite Roof Waterproofing System



## COATING (PU4923 EC/ PU4924 UV)

### PRODUCT SPECIFICATION

Product: Leeson Watertite Roofing System  
Thickness: Determined by application requirements  
Manufacturer: Leeson Polyurethanes Ltd.  
Telephone: + 44 (0) 1926 833367

### SUBSTRATE REQUIREMENTS

The substrate should be dry to 75%RH as per BS8204 and free from rising damp.

Asphalt roofing: No primer required.

Concrete: Primer must be used. Minimum 25N/mm<sup>2</sup>, free from laitance, dust and other contamination.

### PRODUCTS INCLUDED IN THIS SYSTEM

Primer: Various, see datasheet  
Embedment: Leeson Watertite EC (PU4923)  
Chopped Strand Matting (225gsm)  
Sealer: Leeson Watertite UV (PU4924)

Detailed installation instructions are available on request.

### INSTALLATION SERVICE

The installation should be carried out by an experienced contractor, details of contractors in your area can be obtained by contacting the company

### IMPORTANT NOTE

Leeson Polyurethanes' products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.

### TECHNICAL INFORMATION

The figures below are typical properties achieved in laboratory tests at 21°C and 55% Relative Humidity.

Property	Test Method	Watertite 25 Year Typical Values
Water Vapour Transmission	ASTM E-96	6.048g m <sup>2</sup> / day
Base Coat (lt/m <sup>2</sup> )		1
Chopped Strand Reinforcement		225 gsm
Top Coat (lt/m <sup>2</sup> )		1.75
Tack-free time at 19°C		85 – 95 minutes
Shower Proof		30 minutes
Tensile Strength	ASTM D-648 Method A, Die C	11 N/mm <sup>2</sup>
Elongation@ Break	ASTM D-648 Method A, Die C	25.5%
Modulus	ASTM D-648 Method A, Die C	260 N/mm <sup>2</sup>

### FURTHER INFORMATION

To ensure you are specifying a fit for purpose surface for you project please consult our Area Sales Manager for your area or visit our website.



**Leeson Polyurethanes Ltd.**

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