

# Leeson Allsealed Waterproofing System

COATING (PU5558 EC / PU5574 TC)



## DESCRIPTION

A one component; moisture triggered elastomeric urethane coating specifically developed as a high performance waterproofing membrane for use on roof surfaces.

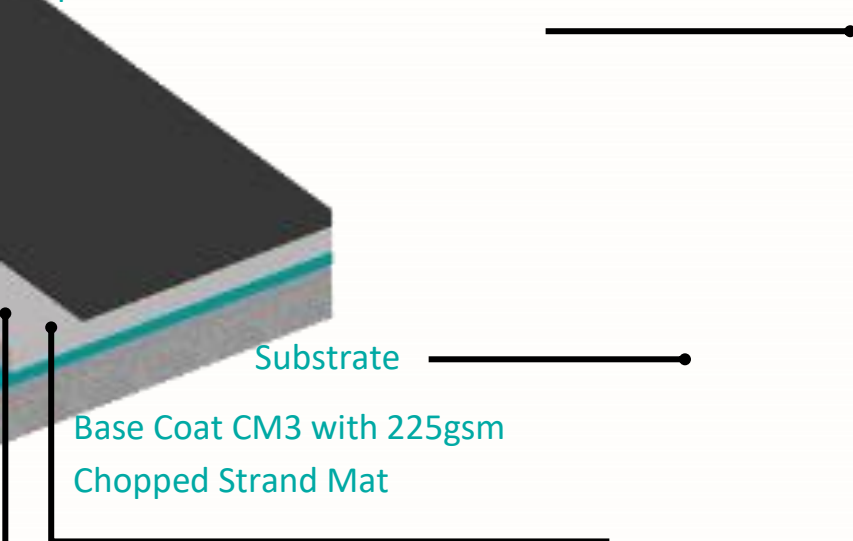
## USES

Roofs

## BENEFITS

- Seamless – no joints to leak
- Excellent waterproofing
- Good application characteristics for easy by-hand application
- Short cure times allowing product to be over coated quickly
- Bonds to many existing roof structures

Topcoat CM5



Primer if required

# Leeson

## Allsealed Waterproofing System



### COATING (PU5558 EC / PU5574 TC)

#### PRODUCT SPECIFICATION

Product: Leeson 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 Base Coat (PU5558 EC)  
Chopped Strand Matting (225gsm)  
Sealer: Leeson Top Coat (PU5574 TC)

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	Roof Waterproofing System Typical Values
Water Vapour Transmission	ASTM E-96	6.048g m <sup>2</sup> / day
Base Coat (lt/m <sup>2</sup> )		1.2
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	8.02 N/mm <sup>2</sup>
Elongation at Break	ASTM D-648 Method A, Die C	9.90%
Modulus Strength	ASTM D-648 Method A, Die C	187.57 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.

{ A bond for life }