



# PU Coatings

## Leeson Hydropruf Balcony System

COATING (PURA4693/PURA4421/D3149)



### DESCRIPTION

A solvent free, fast curing, flexible balcony waterproofing system. It incorporates a polyurea waterproofing membrane that gives a strong crack bridging coat. A hard-wearing anti-slip layer is then applied.

### USES

Balconies; walkways; roofs.

### BENEFITS

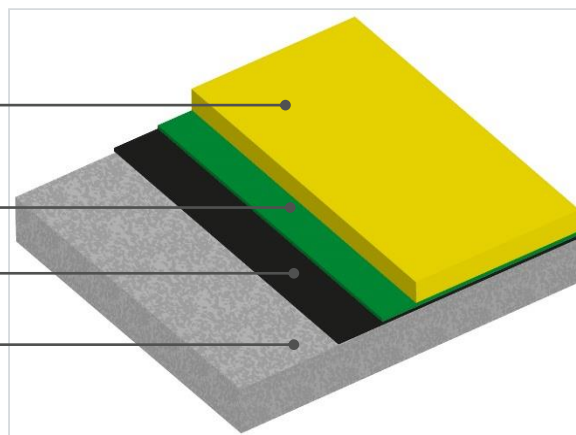
- Seamless waterproofing – no joints
- Fast Curing
- Excellent Wear Performance
- No odour
- Non Flammable
- Slip resistant with wear layer

Wear Layer

Polyurea Waterproofing

Primer

Substrate



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### PRODUCT SPECIFICATION

Product: Leeson Balcony System

Thickness: Nominal 3mm

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: 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:	Conprime-2 (E4568)	0.25kg/m <sup>2</sup>
	Chelford 52 Sand	1kg/m <sup>2</sup>
	Or PU3922 PU primer	
Waterproofing:	Leeson SG2 (PU4693 Spray)	2.2kg/m <sup>2</sup>
	Leeson HA1 (PURA4421)	2.2kg/m <sup>2</sup>
Wear Layer:	Leeson Grip 2-1 (D3149)	1.3kg/m <sup>2</sup>
Aggregate:	Quartz 0.4-0.8mm	6kg/m <sup>2</sup>

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.

#### Temperature Resistance

Resistant to temperatures of over 70°C for long periods.

#### Chemical Resistance

To various acids, diesel and petrol as well as strong bases.

#### Tensile Strength (Membrane PU4693)

15 N/mm<sup>2</sup> to BS2782 Part 3

#### Elongation @ Break (Membrane PU4693)

Min 600% to BS2782 Part 3

#### Bond Strength

Greater than the cohesive strength of the concrete, >3 N/mm<sup>2</sup>

#### Speed of Cure

Traffic Ready: 2 hours @ 20°C

### AFTERCARE - CLEANING AND MAINTENANCE

Clean as required, remove any loose aggregate after initial traffic.

### ENVIRONMENTAL IMPACT

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs, maintenance and cleaning.

Environmental and health considerations are controlled during manufacture of the products by Leeson Polyurethanes staff.

### FURTHER INFORMATION

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



**Leeson Polyurethanes Ltd.**

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