

Leeson Hydropruf FlexDeck

COATING (PURA4620/PURA4421/ D3149/ PU5035)



DESCRIPTION

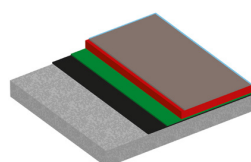
Fast curing solvent free car-park deck coating system. Crack resistant elastomeric polyurea waterproofing.

USES

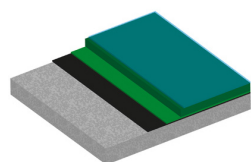
Car-park Decks; Balconies; Roofs.

BENEFITS

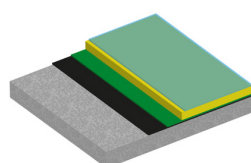
- Seamless Waterproofing
- Fast Curing
- No Odour
- Slip Resistant



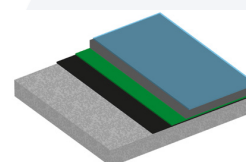
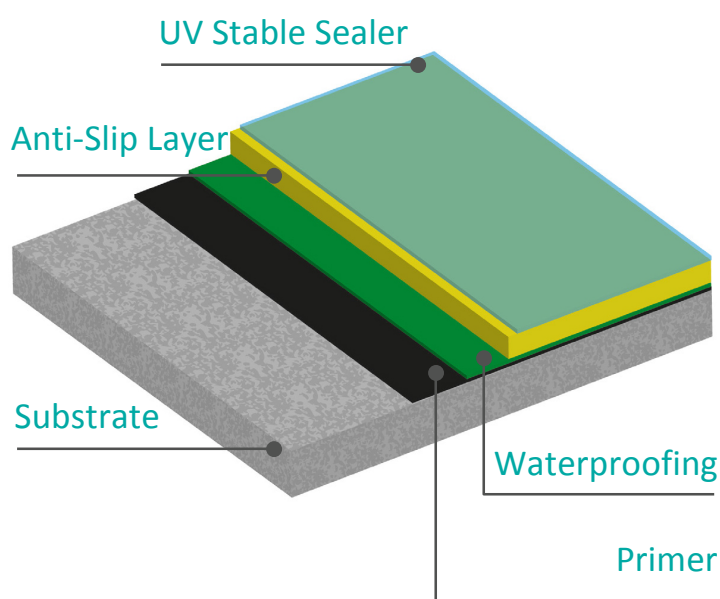
CM6 Brick Red



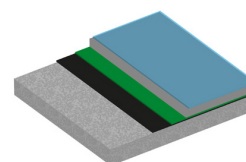
CM9 Dark Green



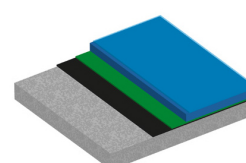
CM7 Safety Yellow



CM5 Dark Grey



CM4 Mid Grey



CM2 Mid Blue



Leeson

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PRODUCT SPECIFICATION

Product: Hydropruf FlexDeck

Thickness: Nominal 4mm

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/mm², free from laitance, dust and other contamination.

PRODUCTS INCLUDED IN THIS SYSTEM

Primer:	Conprime-2 (E4568)	0.25kg/m ²
	Chelford 52 Sand	1kg/m ²
	Or PU3922 PU primer	
Waterproofing:	Leeson SG2 (PU4693 Spray)	2.2kg/m ²
	Leeson HA1 (PURA4421)	2.2kg/m ²
Wear Layer:	Leeson Grip 2-1 (D3149)	1.3kg/m ²
Aggregate:	Quartz 0.4-0.8mm	6kg/m ²
Topcoat:	Sealer Ext-12 (PU5035)	0.35kg/m ²

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.

AFTERCARE - CLEANING AND MAINTENANCE

The surface should be swept regularly to keep it free of organic material such as leaves.

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 up to 50°C for long periods.

Chemical Resistance

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

Property	Test Method	SG2 (PU4693 Spray)
Water Vapour Transmission	ASTM E-96	<1.048g m ² / day
Adhesion to Concrete	ASTM D-4541	4 N/mm ²
Min Tensile Strength	ASTM D-638 Method A, Die C	15 N/mm ²
Min Elongation @ Break	ASTM D-638 Method A, Die C	750%
Low Temperature Flexibility Mandrel	CAN CGSB 37.50 M-89	Pass (5 tested)
Crack Bridging at - 25°C	ASTM C-836	Pass (5 tested)
Shore A Hardness	BS EN ISO 868	80
Shore D Hardness	BS EN ISO 868	30
Modulus	ASTM D790	25 N/mm ²
Bond Strength	>3 N/mm ² (concrete failure)	

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.



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