



**Leeson Polyurethanes**  
A brand of ICP Building Solutions Group



# PU Anti-Skid for Roads

## Leeson Grip 2-1 (BBA Approved) COATING (D3149/20)



### DESCRIPTION

A high performance, flexible polyurethane based anti-skid system for installation onto asphalt and concrete substrates. The system gives a hard-wearing anti-skid surface approved for all Type 1 Roads by the BBA.

### USES

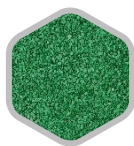
All Type 1 Roads; Cycle Paths; Walkways; Drives; Pathways.



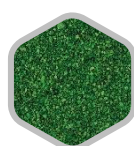
Silver Grey Granite



Red Granite



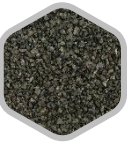
Green



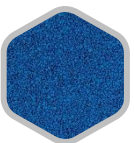
Yellow Green



Chinese Buff Bauxite



Green Granite



Blue



Yellow



Chinese Grey Bauxite



Guyanan Bauxite



Black



Dark Red



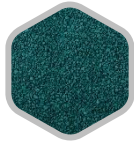
Danish Quartz



Golden Pea



Red



Chrome Green

### BENEFITS

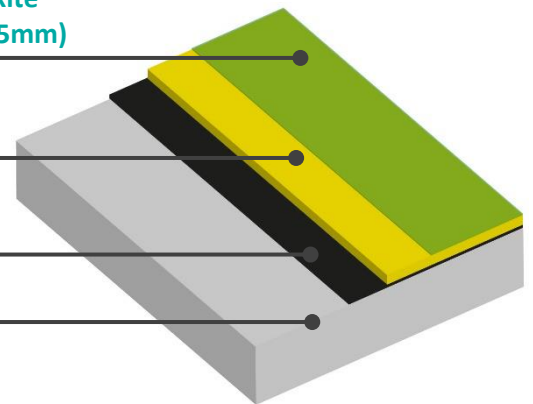
- ◆ Anti-Skid Surface
- ◆ BBA Approved for over 12 years
- ◆ Fast Curing
- ◆ Excellent Wear Performance
- ◆ No odour
- ◆ Non-Flammable
- ◆ Resistant to oil, diesel & petrol

Calcined Bauxite  
(1-3mm or 3-5mm)

Leeson Grip  
2-1 PU

Primer  
(if required)

Substrate



{ A bond for life }



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# PU Anti-Skid for Roads

## Leeson Grip 2-1 (BBA Approved)

### COATING (D3149/20)

#### PRODUCT SPECIFICATION

Product: Leeson Grip 2-1 (D3149/20)  
Thickness: 1.5-2mm of PU Resin  
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	
Bonding Coat:	Leeson Grip 2-1 (D3149)	1.7-2kg/m <sup>2</sup>
Aggregate:	Calcined bauxite 1-3mm,	Net 7kg/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. For BBA approved work, a contractor approved by the BBA for this system must carry out the installation.

#### 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 up to 70°C for long periods.

##### Chemical Resistance

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

##### Scuffing at 45°C

After 500-wheel passes Erosion Index  $\leq 3$

##### Wear (Hot Applied)

SRV (Initial)  $\geq 65$

SRV (After 100,000-wheel passes)  $\geq 70$

##### 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.