

# Leeson Polyurea Coatings

COATING (PURA 5170/ PURA 4421)



## DESCRIPTION

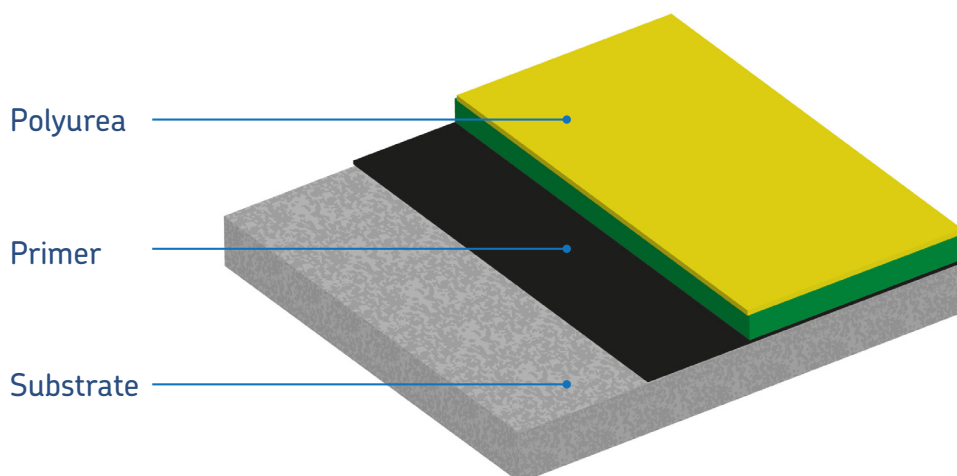
Range of polyurea protective coatings.

## USES

- Concrete protection
- Waterproofing
- Balconies
- Scenography

## BENEFITS

- Fast Curing
- Solvent Free
- Excellent Physical Properties
- Seamless Application



# Leeson

## Polyurea Coatings

### COATING (PURA 5170/ PURA 4421)



#### PRODUCT SPECIFICATION

Product: Leeson Polyurea Coatings  
Thickness: Typically 2mm  
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.

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>  
Top Coat: Leeson PURA (5170/4421) 2.2kg/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.

#### UV DISCOLOURATION

\*Please note that PURA 5170 and PURA 4421 are based on MDI polyurethane technology which is subject to colour change under exposure to UV. The strength of the system is not affected.

Please contact the company for further details.

#### 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 50 °C for long periods.

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

Elongation @ Break (PURA 5170)  
Min 450% to BS2782 Part 3

Tensile Strength (PURA 5170)  
Min 21 N/mm<sup>2</sup> to BS2782 Part 3

Speed of Cure  
19 °C  
Instant

Installation Cycle Time  
From completion of surface prep to cure including anti-slip sealer 5 hours.

#### AFTERCARE - CLEANING AND MAINTENANCE

The surface should be cleaned regularly.

#### 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.**

Hermes Close, Warwick, CV34 6RP, UK.

Tel: +44 (0) 1926 833367 Fax: +44 (0) 1926 881469  
sales@lpultd.com | www.lpultd.com

{ A bond for life }