

REKU

COATINGS



COMMERCIAL / INDUSTRIAL

Future proof coatings

POLYUREA

Reku is one of a few companies in the UK specialising in Polyurea. With physical properties that rival, and often, exceed, those of traditional protective materials such as polyurethanes and epoxies.

Of particular interest to specifiers, applicators and end-users are the fast set and highly resistant characteristics of polyureas compared to traditional systems.

Depending on the formulation used and the application, polyureas are saving time and thus money with their ability to return the treated surface to service in minutes, often seconds.

With its strength and adhesion characteristics and its ability to resist abrasion and corrosion, it goes on fast and stays on long.



BENEFITS

- Reacts, sets and cures quickly
- Wide temperature & humidity range
- High thermal resistance
- Low temperature flexibility
- Outstanding chemical resistance
- Hydrolysis stable & insensitive to water
- Color stability and UV resistant
- No solvents (100 % solids)
- No catalysts
- Seamless, three-dimensional waterproofing
- Adheres well to all substrates

TECHNICAL DATA

Tensile Strength	MPa 10 – 30
Shore Hardness	A 98 to D 52
Elongation %	up to 1000
Tear Strength, N/mm	20 to 125
100% Modulus, MPa	3.5 to 15
Abrasion, mg	150 - 500
Flex/Crack Bridging (-26°C/-15°F)	>3mm

100% solids, no solvents, and zero V.O.C.s.

Compliant with FDA/USDA for incidental food contact.

Class 1 Fire Rating: ASTM E84-97a complies with NFPA and UBC.

Full technical data sheets available on request.

APPLICATIONS

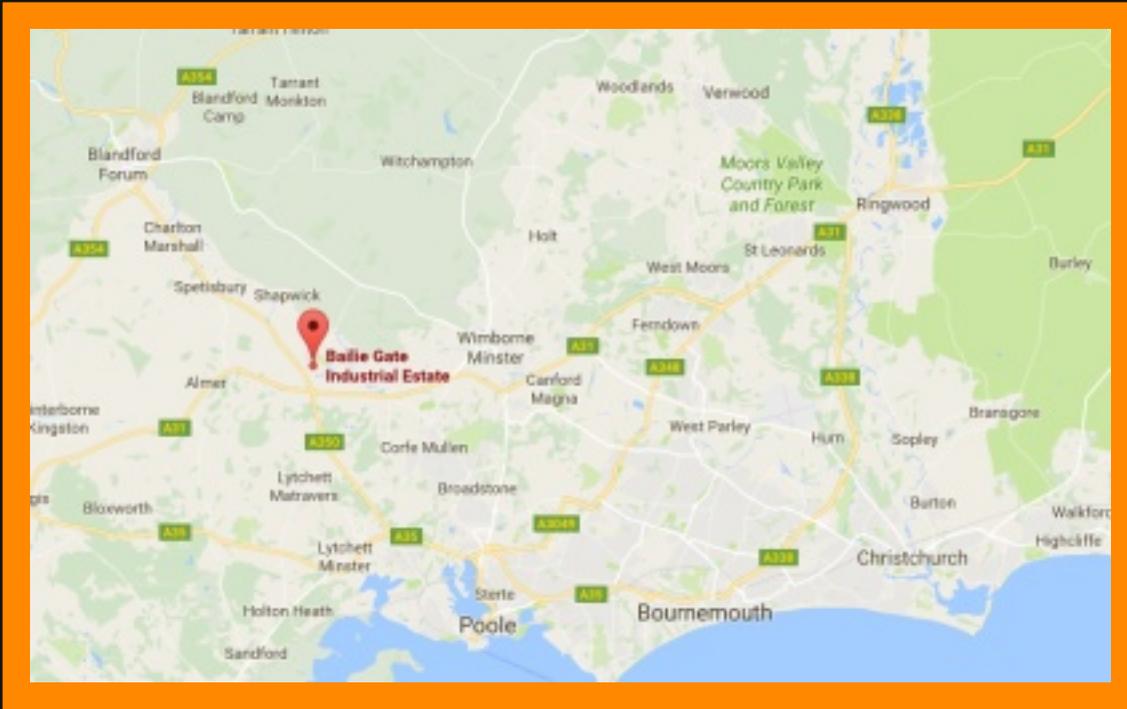
- Waste water treatment linings
- Tank coatings and linings
- Pipe/Pipeline coatings and linings
- Manhole and sewer linings
- Flooring and parking decks
- Bridge deck coating
- Water parks and playgrounds
- Landscaping & water containment
- Fuel storage and containment
- Aquarium lining
- Architectural design
- Theme parks
- Roof coatings
- Marine applications
- Automotive fascia
- Molded parts (RIM)
- Line striping
- Joint fill / caulk
- Adhesives and sealants



Call: 07967 698637 or 07590 076265
Email: sales@reku-coatings.com
Website: www.reku-coatings.com

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REKU Coatings Limited
Unit 36 B
Bailie Gate Industrial Estate
Wimborne
BH21 4DB

Tel: 07967 698 637 or 07590 076 265
Email: sales@reku-coatings.com
Website: www.reku-coatings.com

Please note:

In order to provide an accurate estimate we require the approx. surface area and condition of the existing or new substrate.

In some cases a full site survey will be required (*free of charge*).