



# Rayston Proof PUA M SUPREME

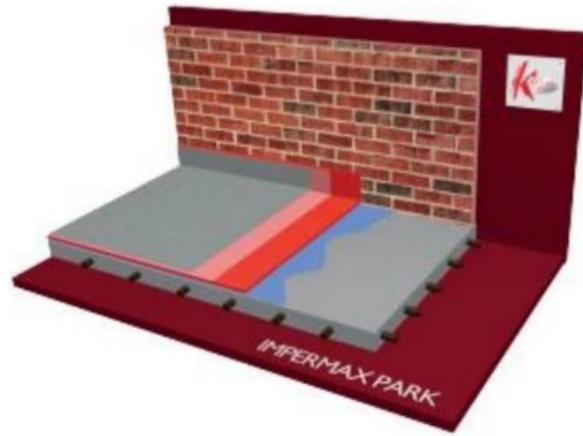
Waterproofing system for roofs.

**DESCRIPTION:** System based on two-component, 100% solids-based aromatic hand applied polyurea resins, with a single-component solvent-based aliphatic polyurethane topcoat.

**Typical applications:** The Rayston Proof PUA M SUPREME system is an ideal choice for waterproofing roofs with heavy pedestrian traffic.

## Advantages:

- High performance system (similar to a hot applied PUA).
- Excellent adhesion to concrete and mortar surfaces.
- Excellent outdoors resistance.
- Low maintenance.
- High elasticity and tensile strength
- Class 3 low slipperiness finish.
- Crack-bridging capability.
- Aliphatic finish.
- Availability of RAL chart (Colours). Optional finish Cool-Roof.
- System with performance similar to a hot PUA but applied without a spraying machine.



**Approximate system thickness:** 2 - 2.2 mm

## SYSTEM STEPS

BASE: Concrete, >28-day curing time, humidity <4%, no rising damp, strength >1.5N/mm<sup>2</sup>, Temp. > 10°C, without any contamination, grease, dust or open pores.

### PRIMER

#### Rayston Epoxy 100

0.5 Kg/m<sup>2</sup>

Recommendation: Thin the first coat with 10% Rayston Thinner. Apply 0.4-0.5 kg/m<sup>2</sup> in two coats of 250g/m<sup>2</sup> each. Rayston Epoxy 100 can be applied with a support surface humidity of up to 4%.

### MEMBRANE

#### Impermax Cold Polyurea Supreme

2 Kg/m<sup>2</sup>

100% solids-based dual-component polyurea resin for manual application. Apply 2 kg/m<sup>2</sup> in one coat.

### TOP COAT

#### Pigmented Colodur

0.5 kg/m<sup>2</sup>

Single-component, solvent-based aliphatic polyurethane resin. Creates a hard and flexible UV-stable coating. Apply in two coats of 250-300g/m<sup>2</sup>, each with a dusting of 0.3 - 0.8 mm aggregate in the first fresh coat, at a rate of 1-2 kg/m<sup>2</sup> to achieve a class 3 slip-resistant finish.

A product must be chosen from the varied options according to the needs of the support surface and the working conditions. For more information, please refer to the Rayston product data sheets. The information contained in this data sheet — along with our advice, whether it be written, verbal or ascertained via testing — is provided in good faith based on our experience and results obtained from independent laboratory tests, however this does not constitute a guarantee for the user, who should consider it as a purely indicative reference with a strictly informational value only. All our system and product data sheets are updated on a regular basis. It is the customer's responsibility to obtain the latest version.