



# Rayston Proof PU PLUS

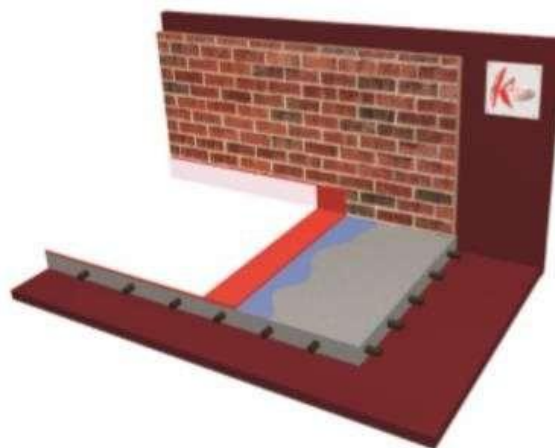
Waterproofing System.

**Description:** System based on single-component solvent-borne aromatic polyurethane resins, sealed with a single-component solvent-borne polyurethane aliphatic topcoat.

**Typical applications:** The Rayston Proof PU PLUS system is an ideal choice for waterproofing roofs with pedestrian traffic.

**Advantages:**

- Excellent adhesion to concrete, mortar and stone support surfaces.
- Excellent outdoors resistance.
- Low maintenance.
- Great elasticity.
- Crack-bridging capability.
- Aliphatic finish.
- Availability of RAL chart (Top Coat) Optional COOL ROOF finish.



**Approximate system thickness: 1.8 mm**

## SYSTEM STEPS

BASE: Concrete, >28-day curing time, humidity <8%, no rising damp, strength >1.5N/mm<sup>2</sup>, Temp. > 10°C, without any contamination, grease, dust or open pores.

### PRIMER

#### Humidity Primer

Apply 0.3-0.5 Kg/m<sup>2</sup> in two coats of 0,1 - 0,25 Kg/m<sup>2</sup> each. Humidity primer can be applied with a support surface humidity of up to 8%.

**Optional:** Rayston Epoxy 100, (0.3-0.5 Kg/m<sup>2</sup>) only if the humidity of the support is less than 4%.

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

### MEMBRANE

#### Impermax / ST / QC

Single-component, solvent-based polyurethane resin. Apply 2 Kg/m<sup>2</sup> in two coats of 1 Kg/m<sup>2</sup> each.

To reinforce the membrane: Apply Rayston Fiber 150 reinforcement to the first layer while it is still fresh. Once cured, apply the second layer of Impermax.

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

### TOP COAT

#### Pigmented Colodur / Pigmented Impertrans

Single-component, solvent-based aliphatic polyurethane resin. Creates a hard and flexible UV-stable coating. Apply in one or two coats.

0.25 - 0.3 Kg/m<sup>2</sup>

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.