



Rayston Proof

PUA H PLUS

Waterproofing system.

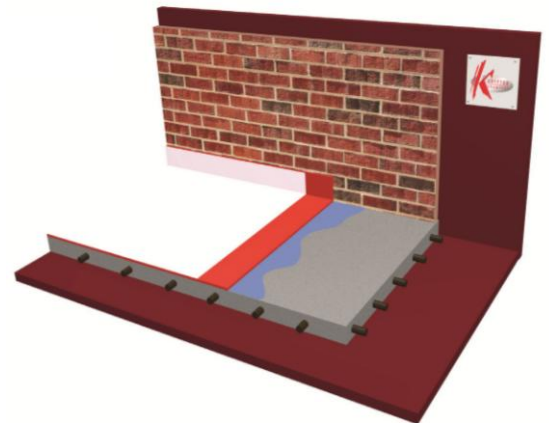
Description: Hot-applied two-component system based on hybrid polyurea resins, 100% solids, aromatic, solvent-free, with high crack bridging capacity and aliphatic sealing that provides color stability in the membrane (cool-roof option in white) and high wear resistance.

Typical applications: The Rayston Proof PUA H PLUS system is an ideal option for waterproofing industrial roofs, airports, private residences, sports fields, terraces, and sidewalks with heavy foot traffic.

Advantages:

- Excellent adhesion to concrete, mortar and stone substrates.
- Good weather resistance.
- Low maintenance.
- High crack bridging capacity.
- UV resistant.
- Cool Roof. Solar Reflectance Index 105.
- High mechanical properties.

Approximate system thickness: 2 mm



SYSTEM STEPS

BASE: Concrete, cured for >28 days, humidity <8%, no capillary moisture, resistance $t > 1.5\text{N/mm}^2$, temperature $>10^\circ\text{C}$, free of any contamination, grease, dust, with open pores.

PRIMER

Rayston Epoxy 100

Two-component epoxy primer, low viscosity and high performance. Recommendation: dilute the first coat with 10% Rayston solvent.

0.3-0.5 kg/m²

SPRAYED MEMBRANE

Impermax Polyurea H / H Supreme/ H Flex

100% solids extra fast curing polyurea resin. High chemical resistance and high mechanical performance.

2 kg/m²

LAYER OF SEALING

Colodur Pigmented

Single-component solvent-based aliphatic polyurethane resin. Creates a hard, flexible layer that is UV stable. Apply in two coats, sprinkling 0.3-0.8 mm aggregate between coats. Cool-Roof option in white.

0.25-0.35 kg/m²

The different products should be chosen based on the needs of the substrate and the conditions of the site. For more information, please consult the Rayston product data sheets. The information contained in this technical data sheet, as well as our advice, whether written, verbal or provided through testing, is given in good faith based on our experience and the results obtained through testing carried out by independent laboratories, and does not constitute a guarantee for the applicator, who should consider it as a reference for guidance purposes only and strictly for informational purposes. All our technical data sheets for systems and products are updated regularly. It is the customer's responsibility to obtain the latest version.