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Rayston Proof PUA PLUS

Waterproofing system for roofs.

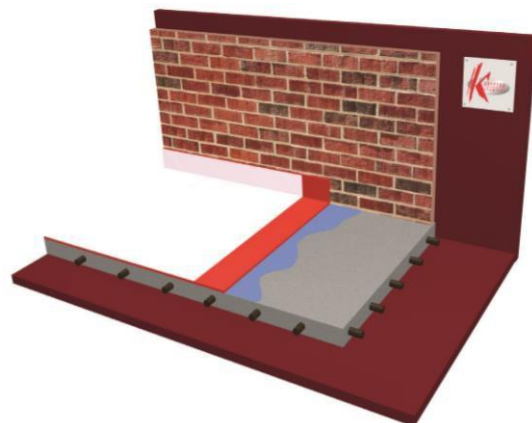
Description: Hot applied two-component system based on solvent-free aromatic polyurea resins with high crack-bridging capacity and sealed with aliphatic polyurethane, which provides colour stability of the membrane and high resistance to wear.

Typical applications: The Rayston Proof PUA PLUS system is an ideal choice for waterproofing industrial roofs, airports, heliports, private residences, sports fields and terraces with high pedestrian traffic.

Advantages:

- Excellent adhesion to concrete, mortar and stone support surfaces
- Excellent outdoor resistance.
- Low maintenance.
- High crack-bridging capacity.
- UV resistant.
- Cool roof.
- Strong mechanical properties.

Approximate system thickness: 2mm



SYSTEM STEPS

BASE: Concrete, >28-day curing time, humidity <4%, no rising damp, strength >1.5N/mm², Temp. > 10°C, without any contamination, grease, dust, with open pores.

PRIMER

Rayston Epoxy 100

Two-component, low-viscosity, high-performance epoxy primer applied in two coats of 0.25 kg/m² each. It is recommended to thin the first coat with 10% Rayston thinner.

0.3-0.5 kg/m²

PROJECTED MEMBRANE

Polyurea Rayston

100% pure, extra quick-curing polyurea resin. High chemical resistance and high mechanical performance. Complies with sanitary criteria of water quality for human consumption, CE marking according to EN-1504 for concrete protection and ETE / BBA for roofs.

2 Kg/m²

TOPCOAT

Pigmented Colodur

Single-component, solvent-based aliphatic polyurethane resin. Creates a hard and flexible UV-stable coating. Apply in two coats. **Optional:** Aggregate dusting between coats to achieve an anti-slip finish according to project requirements.

0.25-0.5 kg/m²

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.