



Latest version: 31/03/2025

Rayston Proof PU COOL ROOF

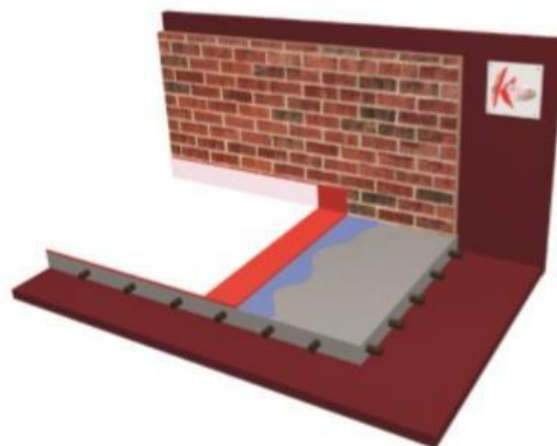
Waterproofing system for roofs.

DESCRIPTION: Cool Roof system based on single-component solvent-based aromatic polyurethane resins, sealed with a final coat of white pigmented single-component solvent-based aliphatic polyurethane.

Typical applications: The Rayston Proof PU COOL ROOF system is an ideal choice for roof waterproofing.

Advantages:

- Reduced Energy Costs.
- Improved Indoor Comfort.
- Extended Roof Lifespan.
- Environmental Benefits.
- 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 (finish). COOL ROOF SRI 105 white finish.



Approximate system thickness: 1.8 mm

SYSTEM STEPS

BASE: Concrete, >28-day curing time, humidity <8%, no rising damp, strength >1.5N/mm², Temp. > 10°C, without any contamination, grease, dust or open pores.

PRIMER

Humidity Primer

Apply 0.35-0.5 kg/m² in one or two coats of 175-250 g/m² each. Humidity Primer can be applied with a support surface humidity of up to 8%.

0.3-0.5 Kg/m²

Optional: Rayston Epoxy 100 (0.3-0.5 kg/m²), only if the humidity of the support surface is less than 4%.

BASE COAT

Impermax / ST / QC

Single-component, solvent-based polyurethane resin. Apply 2 kg/m² in two coats of 1 kg/m² each on horizontal support.

2 Kg/m²

TOPCOAT

“White” Pigmented Colodur.

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

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.

