



RAYSTON PROOF PU SYSTEM

GREEN ROOF

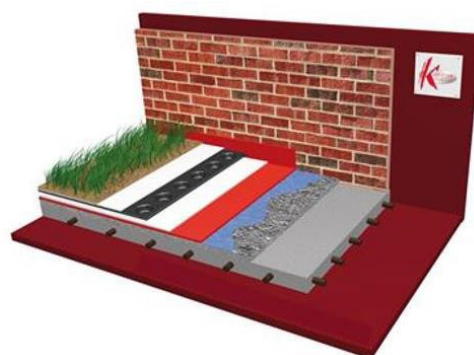
Waterproofing system.

DESCRIPTION: Sustainable system based on polyurethane resins. It imparts attractive design qualities to the roof, plus value to the property and improved air quality.

Typical applications: The RAYSTON PROOF PU GREEN ROOF system is an ideal choice for waterproofing concrete decks in private residences, public buildings and private construction sites.

Advantages:

- Excellent adhesion to concrete support surfaces.
- Achieves a completely continuous membrane, without seams or overlaps.
- System adheres completely to the support surface and does not allow water to circulate between coats.
- High root resistance
- Water retention
- Anti-rooting certification



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, with open pores

PRIMING

Epoxy Primer 100

0.5 Kg/m²

Dual-component, low-viscosity, high-performance universal epoxy primer applied in two coats of 0.25kg/m². Recommendation: Thin the first coat with 10% Rayston thinner.

PROJECTED MEMBRANE

Impermax reinforced with Rayston Fibre 150

2 Kg/m²

Single-component polyurethane resin with support surface crack-bridging capacity. Apply two coats of 1kg/m² each and place the Rayston Fibre reinforcement in the first coat when it is still fresh.

GEOTEXTIL

Geotextile (System protection)

Geotextile punched and thermo-welded with specific synthetic fibres for the protection of the system. 200 g/m²

DRAINAGE SHEET

Bio Roof Drain

According to project requirements

CERTIFICATIONS



- Waterproofing membrane with ETA certificate (10 and 25 years)
- Certificate of resistance to root penetration according to the UNE 53420 test.
- Determination of impact resistance, determination of adhesion to metal support surfaces, determination of static puncture resistance with Geomax 80gr/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.