

# Rayston Proof PU GREEN ROOF

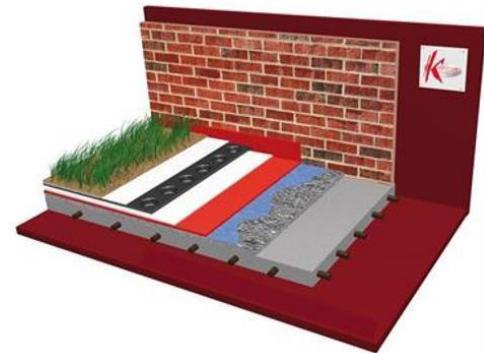
Waterproofing System for Roofs.

**Description:** Sustainable system based on polyurethane resins. Adds design to the roof, value to the property and improves 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:

- Thermal insulation and energy savings.
- Improved air quality.
- Noise reduction.
- Increased property value.
- Psychological benefits and well-being.
- Biodiversity protection
- 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.
- Water retention.
- Anti root penetration certificate



## SYSTEM STEPS

BASE: Concrete, >28-day curing time, humidity <4%, no rising damp, strength >1.5N/mm<sup>2</sup>, Temp. > 10°C, without any contamination, grease, dust, with open pores

### PRIMER

#### Rayston Epoxy 100 (Dry support)

0.3-0.5 Kg/m<sup>2</sup>

Two-component, low-viscosity, high-performance universal epoxy primer applied in two coats. Recommendation: Thin the first coat with 10% Rayston thinner.

Optional Humidity Primer (0.3-0.5 kg/m<sup>2</sup> only if humidity of the support is less than 8%).

### MEMBRANE

#### Impermax reinforced with Rayston Fiber 150

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

Single-component polyurethane resin with substrate crack-bridging capacity. Apply two coats of 1kg/m<sup>2</sup> each and place the Rayston Fiber 150 reinforcement in the first coat when it is still fresh.

### GEOTEXTIL

#### Geotextile

Geotextile punched and thermo-welded with specific synthetic fibres for the protection of the system. 0.2 - 0.5 Kg/m<sup>2</sup>.

### DRAINAGE SHEET

#### Bio Roof Drain

According to project requirements

### GEOTEXTIL

#### Geotextile

Geotextile punched and thermo-welded with specific synthetic fibres for the protection of the system. 0.2 - 0.5 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.