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# Rayston PROOF PU INVERTED

Waterproofing system for roofs.

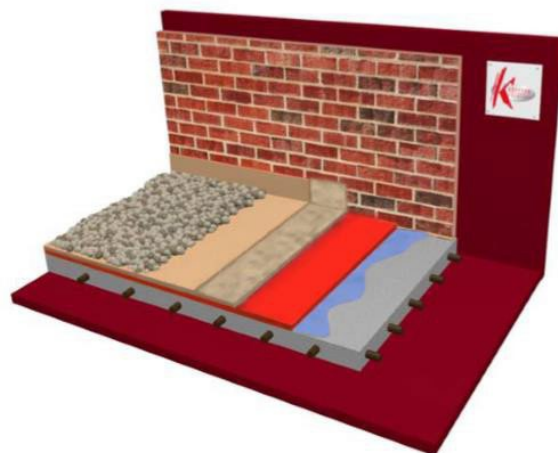
**DESCRIPTION:** Highly elastic waterproofing system based on single-component aromatic polyurethane resins in solvent base with crack-bridging capacity and protected finish.

**Typical applications:** The Rayston Proof Basic system is an ideal choice for waterproofing protected roofs, especially designed for areas with no traffic or limited maintenance.

## Advantages:

- Excellent adhesion to concrete support surfaces.
- Achieves a completely continuous membrane, without seams or overlaps.
- Crack bridging capability.
- Excellent outdoor resistance.
- Low maintenance.

**Approximate membrane thickness:** 1.6 mm



## SYSTEM STEPS

**BASE:** Concrete, >28-day curing time, humidity <8%, no rising damp, strength <1.5N/mm<sup>2</sup>, Temp. > 10°C, without any contamination, grease, dust or open pores.

### PRIMING

#### Primer H

We recommend diluting the first coat with 10% water. Apply 0.4-0.5 kg/m<sup>2</sup> in two coats of 250g/m<sup>2</sup> each. Primer H can be applied with a support surface humidity of up to 8%.

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

### PROJECTED MEMBRANE

#### Impermax

Single-component, solvent-based polyurethane resin. Apply 2 kg/m<sup>2</sup> in two coats of 1 kg/m<sup>2</sup> each.

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

### INSULATING COAT

#### XPS

### PROTECTIVE COAT

#### Geotextile






### TERMINATION

#### Gravel

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.

## CERTIFICATIONS

### IMPERMAX PRODUCT CERTIFICATION TABLES

	Type of Tests
<b>APPLUS</b>  	Impermax Aqua Contact with drinking water
	Impermax Fire Resistance
	Impermax Fire Resistance (45° Sloping Roofs)
	Impermax Root Drilling Resistance
	Impermax + Geomax Root Drill Resistance
	Impermax Abrasion Taber
<b>TORROJA</b>   	ETE-certified for 10 years
	ETE-certified for 25 years
	Impermax + Geotextil 200g
	Determination of impact resistance <i>. Determination of adhesion on metal support surfaces</i> <i>. Determination of static punching resistance with Geomax 80gr/m2.</i>
	Resistance to thermal impact in contact with hot asphalt at 160°C
<b>BBA</b> 	Impermax Roof Waterproofing System for use on flat roofs or sloped roofs with limited access 10 YEARS
<b>BBA</b> 	Impermax Roof waterproofing system for use on flat or pitched roofs with limited access 25 YEARS
<b>TECNALIA</b>	Standard test for the calculation of the solar reflectance index of horizontal or inclined opaque surfaces. IMPERMAX WHITE

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