



# Rayston Proof PU SPRAY

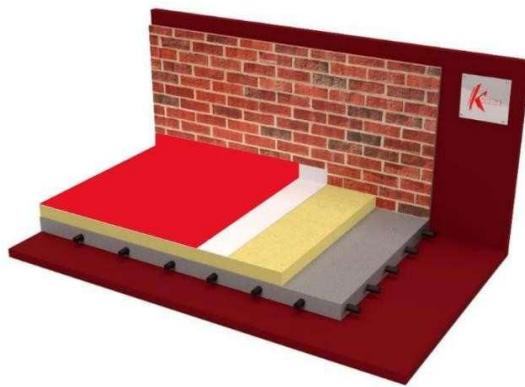
Waterproofing/thermal insulation system  
for roofs

**Description:** Two-component hot-applied system based on 100% solid bio-based aromatic polyurethane resins for waterproofing and encapsulating asbestos. Additionally, it improves the thermal and acoustic insulation of the roof, as well as extending its service life. International asbestos encapsulation certificate.

**Typical applications:** The Rayston Proof PU Spray system is an ideal option for waterproofing and encapsulating asbestos on large roofs with irregular substrates.

## Advantages:

- Speed.
- Economy.
- International certifications for asbestos encapsulation and an estimated durability of 25 years.
- Solution to infiltration problems.
- Minimization of possible disturbances to activities carried out in the building.
- Greater thermal comfort.
- Highly durable aesthetic top coat.



**Approximate thickness of the system:** 1-2-3 cm (depending on the density and amount of foam applied).

## SYSTEM STEPS

BASE: Humidity <4%, no rising damp, resistance >1.5N/mm<sup>2</sup>, Temp. > 10°C, free of any contamination, grease, dust, with open pores.

### PRIMER

#### Rayston Epoxy 100

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

Epoxy in accordance with ETE (with thorough cleaning of the substrate). Apply in two coats.

\* **Optional:** Use as primer/substrate regularization foam with a density of 50 Kg/m<sup>3</sup> or **Rayston Spray Primer 150** (1.2 - 1.5 Kg/m<sup>2</sup>), a fast-curing two-component polyurethane foam with a density of 150 Kg/m<sup>3</sup>.

### SPRAYED MEMBRANE

#### Impermax 2K

2 kg/m<sup>2</sup>

Bio-based liquid polyurethane resin for hot application, 100% solids.

#### Optional top coat:

### TOP COAT

#### Colodur / Impertrans (Pigmented)

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

Aliphatic polyurethane resins for cold application. Good abrasion resistance.

In white, IRS >100 (Solar Reflectance Index).

The different products should be chosen based on the requirements of the substrate and the conditions of the site. For more information, please refer to the Rayston product data sheets. The information contained in this technical data sheet, as well as our advice, whether written, verbal or provided through testing, is given in good faith based on our experience and the results obtained through testing carried out by independent laboratories, and does not constitute a guarantee for the user, who should consider it as a reference for guidance purposes only and strictly informative in nature. All our technical data sheets for systems and products are updated regularly. It is the customer's responsibility to obtain the most recent version.