



# Rayston Proof PU 2K M RADON GAS SHIELD

Radon gas barrier system.

**DESCRIPTION:** Liquid applied radon gas barrier system. The system can be applied with or without reinforcement.

**Minimum system thickness:** 2 mm.

**Typical applications:** The RAYSTON PROOF PU 2K RADON GAS SHIELD system is an ideal choice for achieving a barrier capable of containing radon ingress in compliance with CTE DB-HS-6. Point 3.1 - Characteristics of barriers.

## Advantages:

- Excellent adhesion to concrete substrates.
- Obtaining a totally continuous membrane, without joints or overlaps.
- Crack bridging capability.
- Gas barrier in new construction and rehabilitation.
- Radon gas barrier certification.
- Quick and Easy application.
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## SYSTEM STEPS WITHOUT REINFORCEMENT

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

### PRIMAIRE

#### Rayston Epoxy 100 (Dry substrate)

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

Two-component, low-viscosity, epoxy primer.

high performance. Note: Apply two coats vertically and one horizontally.

### MEMBRANE

#### Impermax 2KM

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

Two-component solvent-free polyurethane system based on bio-based raw materials certified by an independent laboratory.

It has high chemical resistance and high mechanical properties.

## REINFORCED SYSTEM STEPS

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

### PRIMAIRE

#### Rayston Epoxy 100 (Dry substrate)

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

Two-component epoxy primer, with low viscosity and

high performance. Note: Apply two coats vertically and one horizontally.

### MEMBRANE + GEOMAX

#### Impermax 2KM + Reinforcement Geomax 80

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

Impermax 2KM should be applied in two coats of 1 kg/m<sup>2</sup> each. one, reinforcing the first with fresh Geomax 80 geotextile. The second layer can be applied immediately (wet on wet), or once the first layer has dried.

The different products should be chosen based on the needs of the substrate and the conditions of the job site. For more information, please refer to the Rayston product data sheets. The information contained in this data sheet, as well as our advice, whether written or provided verbally or through tests, are given in good faith based on our experience and results of tests carried out by independent laboratories, and do not constitute a guarantee for user, who should take them as purely indicative references and for information purposes only. All our system and product data sheets are regularly updated. It is the customer's responsibility to obtain the most recent version.