



RAYSTON PROOF SYSTEM PUA RADON GAS SHIELD

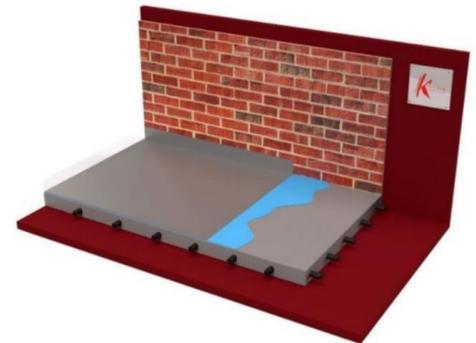
Radon gas barrier system.

Description: Radon gas barrier system applied in liquid form. The system can be applied as a floating membrane or as an adhered membrane.

Typical applications: The RAYSTON PROOF PUA RADON GAS SHIELD system is an ideal option for achieving a barrier capable of containing radon entry in compliance with CTE DB-HS-6 regulations. Point 3.1 - Barrier characteristics.

Advantages:

- Excellent adhesion to concrete substrates.
- Obtains a completely continuous membrane, without joints or overlaps.
- Capable of bridging cracks.
- Can be applied as a floating system.
- Gas barrier in new construction and renovation.
- Radon gas barrier certification.
- Quick application and commissioning.



Minimum system thickness: 2 mm.

STEPS OF THE ADHERED SYSTEM

BASE: Concrete, cured for >28 days, humidity <4%, no capillary moisture, resistance <1.5N/mm², temperature >10°C, free of any contamination, grease, dust, or open pores.

PRIMER

Rayston Epoxy 100 (dry substrate)

0.5 kg/m²

Universal two-component epoxy primer, low viscosity and high performance. Note: Apply two coats vertically and one horizontally.

SPRAYED MEMBRANE

Rayston Spray D50

2.5 kg/m²

100% pure, fast-curing, solvent-free polyurea system. It has high chemical resistance and excellent mechanical properties.

STEPS OF THE FLOATING SYSTEM

GEOTEXTILE

Geomax Spray NMDC

200 – 350 G/m²

This is a non-woven fabric made of polypropylene fibers, punched on one side and thermally calendered on the other. This fabric exhibits high mechanical resistance and has been designed as a substrate for polyurea applications, forming a high-resistance waterproofing composite and radon gas barrier.

SPRAYED MEMBRANE

Rayston Spray D50

2.5 Kg/m²

A 100% pure, fast-curing, solvent-free polyurea system. It has high chemical resistance and excellent mechanical properties.

The different products should be chosen based on the needs of the substrate and the conditions of the site. For more information, please consult 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 serve as 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 latest version.