

Corden EPS Radon (Rn) Barrier Radon Gas Resistant Membrane (BR211)

Corden EPS Radon (Rn) Barrier

Radon is a naturally occurring radioactive gas formed by the breakdown of uranium and radium.

CORDEN EPS Radon Barrier/Membrane is a monolithic, high quality, LDPE blown film membrane with high puncture and tear resistance. The product is used as part of a full radon gas protection system and will meet all current legislation – BR211.

The membrane is also suitable for use as a damp proof membrane.

CORDEN EPS Radon Barrier/Membrane prevents the transmission of harmful gases. Due to the nature of its construction, the membrane overcomes problems associated with membranes manufactured from post-consumer recycled waste.

Advantages

- Suitable for use on sites contaminated with higher concentrations of Radon.
- 4 metre wide centre-fold membrane
- Premium DPM/vapour barrier
- Extremely tough with excellent resistance to tear and puncture.
- Compatible with vented systems
- Conforms to the requirements of BR211

Corden EPS Can Offer

- Design solutions offering the most cost effective system to comply with current legislation.
- Independent Integrity testing (site based)
- Independent Verification reports (site based)
- Bespoke systems to overcome difficult situations
- Supply and install service with on-site fabrication/welding
- Next-day Delivery

Product Specification

Physical Description	Test Method	Value/Units
Weight		276g/m ²
Thickness		300µ
Colour		Anthracite
Roll Size		4m x 20m
Technical Performance		
Tensile strength	MD	17.7MPa
	CD	17.3MPa
Elongation at max load	MD	Greater than 860%
	CD	Greater than 910%
Dart impact strength		0.710kg
Tear Resistance	MD	100N/mm
	CD	94.5N/mm
Radon permeability		4.7 x 10 ⁻¹² m ² /s
Moisture Vapour transmission		0.12g/m ² /day

Ancillary Products

- CORDEN EPS Gas and Lap Tape
- CORDEN EPS GRM. Self-adhesive Gas Barrier
- CORDEN EPS Geo-Vent + venting components
- CORDEN EPS Liquid Vapour Membrane
- CORDEN EPS Top Hat Pipe Cloaks
- CORDEN EPS GR DPC. (Gas resistant DPC)
- CORDENEPS Radon Sump
- CORDEN EPS Pre-formed Cloaks. Internal / external corners. Door threshold cloaks. Party wall tray.

