

## Bluebay Radon Barrier

Bluebay Radon Membrane is an unreinforced polyethylene membrane, suitable for use in the protection of buildings from the ingress of Radon gas.

Bluebay Radon Membrane will act as an effective passive radon membrane in most typical applications when installed in accordance with our instructions and will also act as a Damp Proof Membrane.



### Advantages

- Prevents the ingress of Radon gas
- High resistance to puncturing & tearing

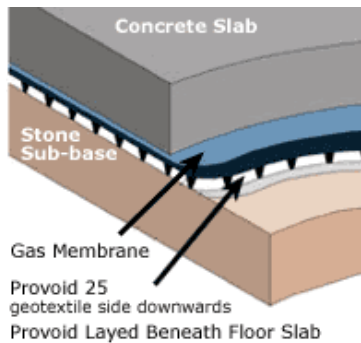
### Technical Data

Product	Size
Roll Width	4.0m
Roll Length	25.0m
Roll Weight	27.6kg

## Bluebay Gas Venting System

Gas Venting System is a single cusped geocomposite comprising of a pre-formed HDPE core with a bonded non-woven needle punched geo-textile filter fabric, specifically designed as a primary venting layer.

The venting system should be used on any site where a sub-slab gas venting system is required in a building development. As the primary part of any gas venting system, it needs to be connected to the required amount of air inlets and outlets. The gas system is sufficiently able to vent harmful gases from the underside of a building, when used in conjunction with an appropriate gas resistant membrane.



### Technical Data

Product	Size
Roll Width	1.0m
Roll Length	50.0m
Thickness	12 / 25mm

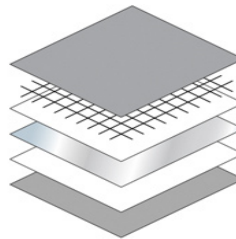
A full range of Gas Venting System Components are available on request.



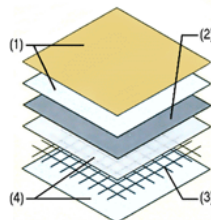
### Monarflex RAC

RAC gas-resistant membrane is a 900 µm thick, ten layer, polyethylene membrane incorporating encapsulated aluminium foil and a reinforcing grid.

The membrane is grey, with a smooth finish. Both gas barriers have methane transmission rates below the limit of detection.



- (1) Extruded Low Density Polyethylene
- (2) Aluminium Foil
- (3) Polyester Grid
- (4) Blown Low Density Polyethylene



### Monarflex Reflex Super

Reflex Super is a 400 µm thick, seven layer, polyethylene membrane incorporating encapsulated aluminium foil and a reinforcing grid.

The membrane is sand coloured on the top and silver on the underside with a ribbed finish. Monarflex Reflex Super has methane transmission rates below the limit of detection.

### Monarflex Ultra DPM

Monarflex Ultra is a high performance damp proof membrane, it has been specifically designed to withstand the rigours of a busy building site.

Ultra D.P.M. is very resistant to tearing and puncture, it is constructed from two layers of virgin polyethylene reinforced by a grid of high density polyethylene.

Ultra D.P.M. can be specified with confidence: when properly installed it will provide an effective, maintenance free damp proof membrane.

### Technical Data

Product	Size
Monarflex RAC	2m x 25m Roll

### Applications

- Most robust gas barrier available.
- Provides protection from carbon dioxide, methane & other volatile organic compounds
- Aluminium foil separated from reinforcing

### Technical Data

Product	Size
Reflex Super	2m x 25m Roll

### Applications

- Robust weldable gas retardant membrane for protection from methane, carbon dioxide or high concentrations of radon.
- Aluminium foil separated from reinforcing.
- Tested by the BBA and awarded certificate 00/3668

### Technical Data

DPM	250	300
Nominal Thickness	250µm	300µm
Roll Length	25m	25m
Roll Width	4m	4m