

GROUND GAS PROTECTION

Gas Product Selector

	Radon	CO2	Methane	Hydrocarbons
GX Geomembrane	•	•	•	•
Gas Barrier Membrane	•	•	•	
Low Permeability Gas Membrane	•	•	•	
CO2 Membrane	•	•		
Radon Membrane	•			

Visqueen GX Geomembrane

Visqueen GX Geomembrane is a high quality single layer HDPE membrane and is suitable for use as a barrier membrane on brownfield sites that require protection from dangerous contaminants such as hydrocarbons and methane. Due to the membrane's high puncture and impact resistance the Visqueen GX Geomembrane generally requires no protective screed or boarding when laying reinforced concrete above it.

- Low Permeability to Hydrocarbon substances and vapours.
- High quality single layer HDPE.
- Excellent puncture and tear resistance.
- Complies with current codes of practice.
- Also acts as a DPM.



Visqueen Low Permeability Gas Membrane

Visqueen Low Permeability Gas Membrane offers a safe solution for the protection of buildings against low levels of methane and carbon dioxide, when installed in accordance with the relevant codes of practice.

Visqueen Low Permeability Gas Membrane is a robust co-polymer thermoplastic membrane; for ease of identification on site the membrane is coloured yellow. The membrane is supplied in 4m x 12.5m roll and has a centre fold. It is flexible and is easy to install, and is also suitable for use as a damp proof membrane.

- Low permeability to carbon dioxide radon and low levels of methane.
- High quality robust Co-Polymer Thermoplastic Membrane.
- High resistance to puncture.
- Complies with relevant codes of practice such as current BRE and CIRIA documentation.
- Also acts as a damp proof membrane.



Visqueen Gas Barrier

Visqueen Gas Barrier offers a safe solution for the protection of buildings against methane, radon and carbon dioxide, when installed in accordance with the relevant codes of practice.

Visqueen Gas Barrier is a multi-layer reinforced polyethylene membrane with an integral aluminium foil. For ease of identification on site Visqueen Gas Barrier is coloured blue on one side and silver on the reverse. The barrier combines strength and performance with flexibility and easy installation.

- Low permeability to methane, radon and carbon dioxide
- High quality multi-layer reinforced LDPE membrane with aluminium core with high levels of tear and impact resistance.
- High resistance to puncture.
- Complies with relevant codes of practice such as BRE and CIRIA.
- Also acts as a damp proof membrane.



Visqueen CO2 Gas Membrane

The Building Regulations require that proper precautions be taken to prevent danger to health and safety when building on contaminated land.

Visqueen CO2 Gas Membrane offers a safe solution for the protection of buildings against carbon dioxide, when installed in accordance with the relevant codes of practice. The barrier is flexible and is easy to install, and is also suitable for use as a damp proof membrane.

- Low permeability to carbon dioxide and radon.
- High quality robust Co-Polymer Thermoplastic Membrane.
- High resistance to puncture.
- Complies with relevant codes of practice such as BRE and CIRIA.
- Also acts as a damp proof membrane



Visqueen Radon Membrane

Visqueen Radon Membrane is manufactured from an enhanced blend of polymer films that is suitable for use in the protection of buildings from the ingress of radon gas.

Visqueen Radon Membrane also acts as a damp proof membrane, but is not intended for use where there is the risk of hydrostatic pressure.

It is approved for use in Ireland. Visqueen Radon Membrane can be used in most common floor constructions.

It is installed in a similar way to a damp proof membrane, but with much greater attention paid to workmanship and detailing in order to achieve effective sealing at all locations.

- Independently tested for radon resistance.
- BRE Certified.
- High resistance to puncture.
- Also acts as a damp proof membrane.
- Complies with CIRIA C665.



Visqueen High Performance Radon Membrane

Visqueen High Performance Radon Membrane is an LDPE un-reinforced membrane.

Visqueen High Performance Radon Membrane™ is suitable for use in concrete floors not subject to hydrostatic pressure.

The product can be installed as an over-site membrane, either between a sand blinded hardcore (50mm of sand minimum) bed and the base concrete, or layered on top of high-density insulation (25kg/m[sup3]) with a concrete screed layered over it.

- Accredited by the Irish Agrément Board (IAB: 05/0214)
- Prevents the ingress of Radon gas
- High resistance to puncturing & tearing

