

Gas Membrane and Waterproof Tanking Systems

Why Choose Miers?

About Miers

Miers Construction Products is an independent supplier of construction products delivering from a number of locations across the UK.

We aim to provide our customers with a 'single source' connection to supplies, products and technology. We are dedicated in our efforts to become a valuable supplier/partner by providing products and services that outperform all standards and expectations and offering unparalleled service through dedicated employees whom are committed to being the best in our industry.

What we offer

Miers is a major stockist of VBP's gas membranes, tanking systems and structural waterproof solutions.



Why choose us

- ✓ Independently run business
- ✓ Nationwide coverage
- ✓ Commitment to the highest standards of service
- ✓ A unique level of expertise & experience

Gas Membranes

Radon: The Facts

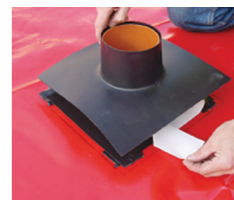
Radon, a naturally occurring, radioactive gas is the second largest cause of lung cancer in the UK after smoking, and is found in large areas of the UK. Radon accumulates in buildings through cracks in the rock or sub-soil, which is why you need to identify if your site is in a radon risk area and put the necessary measures in place to protect against this.

Consult www.hpa.org.uk – the Health Protection Agency website – for affected areas.

Radon Membrane

Manufactured from an enhanced blend of polymer films, Visqueen Radon Membrane is designed to protect buildings from the ingress of Radon gas, and also acts as a Damp Proof Membrane. Independently certified by BRE to meet UK and Irish Building Regulations, Visqueen Radon Membrane follows guidance in accordance with BRE Report BR 211. The Radon Membrane System will act as an effective passive radon membrane when installed in accordance with our installation guidelines.

- Prevents ingress of Radon gas
- BRE certified (Cert. No.083/01)
- High puncture & tear resistance
- Complies with CIRIA C665

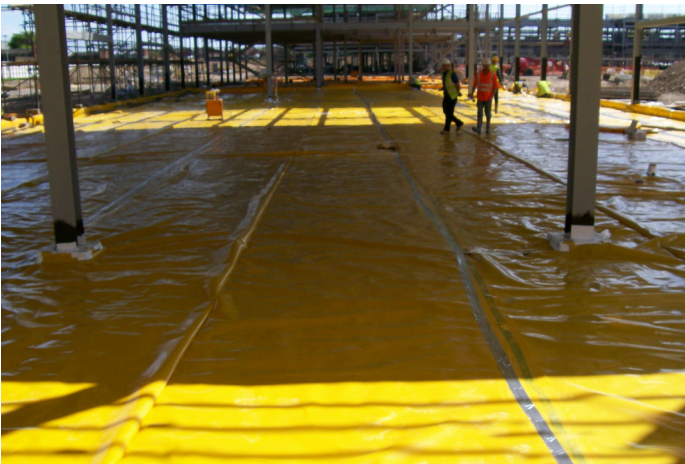


CO2 Gas Membrane

Carbon Dioxide is a colourless gas commonly found on landfill, coalfield or contaminated industrial sites, and can result in asphyxiation when present in high levels. 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 BR 414 and CIRIA C665. A robust co-polymer thermoplastic construction, Visqueen CO2 Gas Membrane is yellow for ease of identification on site and provides ease of installation.

- Low permeability to Carbon Dioxide
- High quality robust polyethylene membrane
- Complies with relevant BRE and CIRIA codes of practice
- Also acts as a flexible damp proof membrane

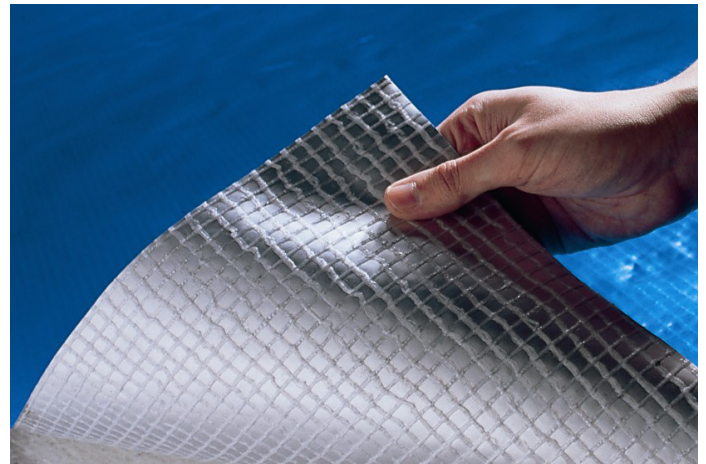


Gas Barrier

Commonly found on sewage treatment localities, peat bogs, landfill and mining sites, Methane is an odourless flammable gas that is explosive when released into the atmosphere and exposed to a source of ignition - even at levels as low as 5%.

With an advanced multi-layer lamination, Visqueen Gas Barrier offers a safe solution for the protection of buildings and occupiers against methane, radon and carbon dioxide gases. The LDPE polyethylene includes an aluminium core, providing a reinforced protection layer whilst retaining flexibility for easy installation.

- Low permeability to Methane, Radon and Carbon Dioxide
- High performance multi-layer membrane
- Complies with relevant BRE and CIRIA codes of practice
- High tear and impact resistance



GX Geomembrane

Designed for brownfield sites that require protection from dangerous contaminants such as hydrocarbons and methane, Visqueen GX Geomembrane is a high performance blend of ethylene co-polymers providing a HDPE layer that also acts as a damp proof membrane. With high puncture and impact resistance, Visqueen GX Geomembrane provides flexibility and removes the cost requirement of protective screed or boarding when covered with reinforced concrete.

- Excellent bi-axial load absorption
- Independently tested for chemical resistance - EN 14414 and EN 14415
- High stress and crack resistance on contaminated sites
- Welding options including hot edge, air and extrusion



Damp Proof Courses

Gas Resistant DPC

Visqueen Gas Resistant (GR) damp proof course is a flexible polyethylene DPC with an integral aluminium foil layer designed to prevent the transmission of carbon dioxide, radon and methane gases, as found on some household, commercial and industrial sites. Ideal for vertical, horizontal, stepped and cavity tray applications, Visqueen GR DPC provides effective protection when installed in accordance with the relevant building regulations and guidance.

- Effective protection against harmful gases
- Superior cold flexibility performance
- Independently assessed
- Can be used in conjunction with a standard DPC



Zedex CPT High Performance DPC

Zedex CPT High Performance DPC is a new generation damp proof course that provides superior performance under high compressive loads. Manufactured from co-polymer thermoplastic (CPT) it provides superior strength, adhesion and water impermeability, enabling it to perform effectively for the lifetime of the building in which it is incorporated. With BBA certification, Zedex CPT DPC includes a range of Pre-Formed Cavity Tray Units (top hats/cloaks) and a Jointing Tape System to suit all applications.

- Outperforms all other DPCs
- Contains no pitch, bitumen or PVC
- Low permeability to Radon and Carbon Dioxide gases
- BBA accredited (Cert. No..94/3059)



Tanking Systems

Waterproof Tanking Membrane - Self-Adhesive Membrane

Designed for use in both horizontal and vertical tanking and waterproofing applications, such as basement waterproofing, lift pits or at high ground levels, Visqueen Self-Adhesive Membrane offers a two ply solution that prevents the ingress of water and other water-borne alkalis present in some mortar and concrete. BBA accredited Visqueen Self Adhesive Membrane should be installed in accordance with BS8102:2009, and substrates should always be primed with Visqueen HP Tanking Primer to ensure optimum adhesion on installation.

- High density self-adhesive tanking membrane
- High puncture and tear resistance
- BBA accredited (Cert. No. 01/3820)
- For optimum adhesion prime with Visqueen HP



Tanking Primer



Waterproof and Gas Resistant Tanking Membrane - Gas Resistant Self-Adhesive Membrane

Commonly found on former landfill sites or affected household, commercial and industrial land, carbon dioxide and methane gases pose a danger to health which must be addressed when building on contaminated land. In addition radon gas has been identified as existing in some 21 counties in England by the National Radiological Protection Board.

Visqueen Gas Resistant (GR) Self-Adhesive Membrane is built with an integral aluminium foil layer for effective protection against the ingress of carbon dioxide, radon and methane gases in above and below ground applications. Substrates should always be primed with Visqueen HP Tanking Primer to ensure optimum adhesion on installation.

- Effective protection for gas contaminated land
- High performance self-adhesive membrane
- Tough and tear resistant
- For optimum adhesion prime with Visqueen HP Tanking Primer

Visqueen GR Self-Adhesive Membrane is suitable for use with:

- Visqueen Gas Resistant DPC
- Visqueen Methane Barrier
- Visqueen CO2 Gas Membrane
- Visqueen Radon Membrane



TorchOn Tanking Membrane

Ideal for heavy duty tanking applications such as basements, lift pits, reinforced concrete slabs and retaining walls, Visqueen TorchOn Tanking Membrane is a robust waterproofing membrane designed for both horizontal and vertical applications, above and below ground level.

- BBA Accredited (Cert No. 10/4754)
- High performance in cold weather
- Torch bonded laps provide a homogenously sealed junction
- Robust waterproofing for horizontal and vertical applications

Substrates should be primed with Visqueen High Performance Tanking Primer prior to application and membranes should subsequently be protected from site traffic and footfall with Visqueen TreadGUARD1500 heavy duty protection board.



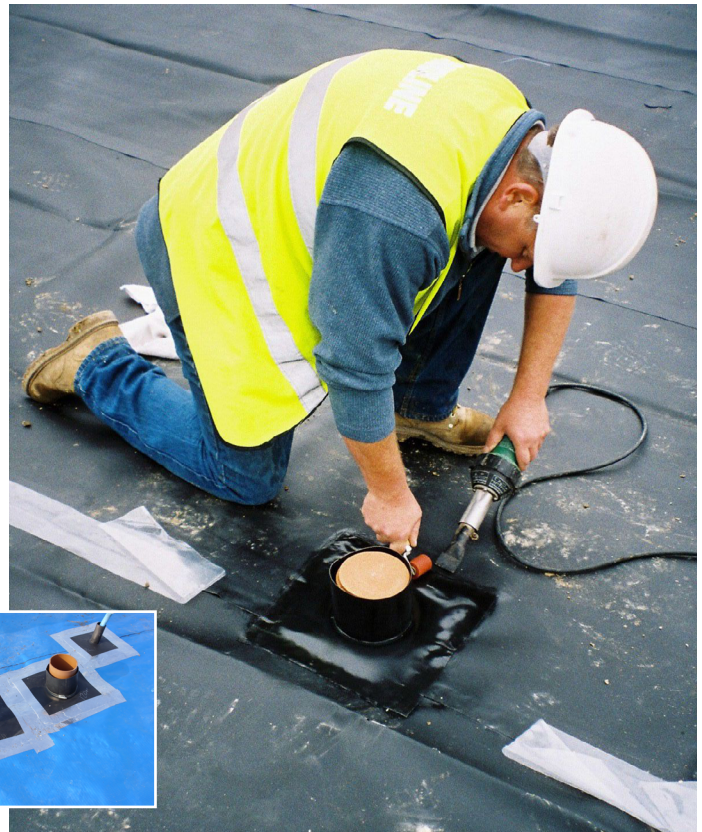
Ancillaries

Pre-formed Units (Top Hats / Cloaks)

An integral part of the Zedex damp proofing system, Visqueen pre-formed Cavity Tray Units simplify the awkward and time consuming process of corner detailing, and eliminate the likelihood of water ingress at complex junctions.

- Reduces installation times and complexities at awkward junctions
- Built-in and surface fixed design options
- Dedicated free design support service
- Damp proofing and gas proofing units available

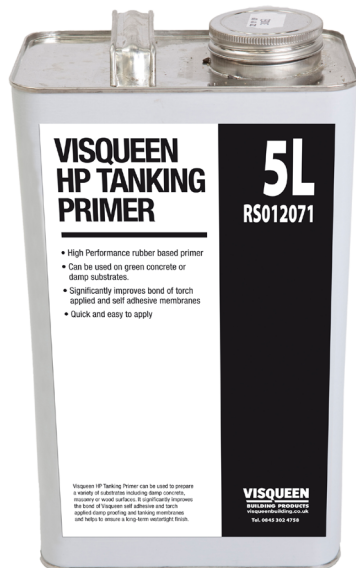
Units should be sealed to a Visqueen Gas Barrier using Visqueen Gas Barrier Jointing Tape and Visqueen Foil Backed Girth Jointing Tape.



Visqueen High Performance Tanking Primer

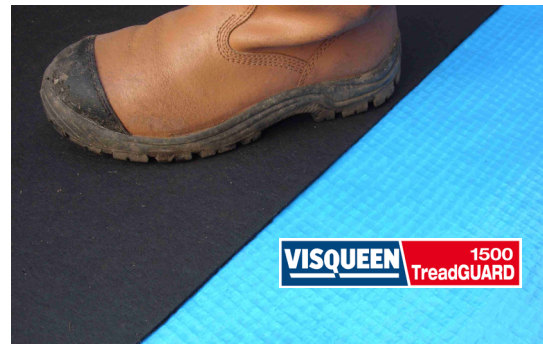
Visqueen High Performance (HP) Tanking Primer is a black, elastomeric bituminous priming solution designed to prepare surfaces prior to the application of Visqueen self adhesive and torch applied damp proofing and tanking membranes.

- Suitable for green concrete and damp surfaces
- Excellent performance at low temperatures
- Quick and easy to apply
- Ensures a superior bond



Visqueen TreadGUARD1500 is a new 100% recycled embossed board designed to protect membranes from following trades and general footfall on site after installation. TreadGUARD1500 provides a rot-proof anti-slip surface, and has been independently tested against market alternatives for puncture resistance.

- Protects membranes from damage
- Tough, durable and non-compressive
- Part of the BBA Approved System
- Complies with BS 8102:2009



Visqueen Tapes

The Visqueen portfolio incorporates a range of system tapes to ensure effective installation.

- **VisqueenPRO Single Sided Jointing Tape:**
A new high performance double strength tape for sealing DPMs and Radon Membranes
- **VisqueenPRO Double Sided DPM Jointing Tape:**
A high quality tape for effective watertight bonding of DPMs and Radon Membranes
- **GX Geomembrane Bonding Tape:**
A high quality Hydrocarbon protection tape ensuring a gas and watertight seal
- **Gas Resistant Foil Sealing Tape:**
A high shear strength gas foil tape for effective sealing of laps and joints
- **Zedex DPC Jointing Tape:**
A high integrity double sided tape for Zedex DPC jointing and surface fixing



To discuss your technical requirements please call 01480 702222



Products available from Miers construction

- Brickwork Product
- Reinforcement Accessories
- Formwork Products
- Grouts, Chemicals & Sealants
- Joint Fillers
- Ground and Slab Products
- Reinforcement Connections
- Waterproofing and Gasproofing

VISQUEEN RADON
MEMBRANE

VISQUEEN CO₂ GAS
MEMBRANE

VISQUEEN GAS
BARRIER

VISQUEEN GX DPC

VISQUEEN GR DPC

VISQUEEN ZEDUX
CPT DAMP PROOF COURSE

VISQUEEN SELF ADHESIVE
DAMP PROOF MEMBRANE

VISQUEEN GR SAM

VISQUEEN TORCHON TANKING
MEMBRANE

VISQUEEN PREFORMED
UNIT

VISQUEEN PRO JOINTING
TAPE SYSTEM

VISQUEEN 1500
TreadGUARD