

# Visqueen Gas Resistant Self Adhesive DPM

- Part of the Visqueen Gas Barrier system.
- Integral aluminium foil for resistance to methane, radon and CO<sub>2</sub>.
- Tough HDPE polyethylene membrane provides resistance to puncture and tearing.
- Integral zip strip for easier jointing.
- Independently assessed.

## Description

Visqueen Gas Resistant (GR) Self Adhesive Membrane is designed to prevent the transmission of carbon dioxide, radon and methane gases in tanking applications or where hydrostatic pressure is present. For other applications Visqueen Gas Barrier should be considered.

This is in addition to the products usage as a damp proof membrane.

Resistance to gas is achieved by an integral aluminium film.

Visqueen Gas Resistant (GR) Self Adhesive Membrane should be used along with Visqueen Tanking Primer Solution, provides the optimum surface to receive Visqueen Gas Resistant (GR) Self Adhesive Membrane.

Visqueen Gas Resistant (GR) Self Adhesive Membrane is suitable for use with Visqueen Gas Resistant (GR) DPC and Visqueen Gas Barrier.

## Applications

Visqueen Gas Resistant (GR) Self Adhesive Membrane should be used on any site where carbon dioxide, radon or methane is a problem. Methane and Carbon Dioxide will occur on any construction, on any sites previously used for landfill as a result of bacteriological conditions. Such conditions can exist on household, commercial and industrial sites.

Additionally radon has been identified as being present in some 21 counties in England by the National Radiological Protection Board.

## Typical Properties

<b>Visqueen Gas Resistant (GR) Damp Proof Membrane</b>	
<b>Dimensional Details</b>	
Roll Length	28.6m
Width	1.05m
Area per roll	30m <sup>2</sup>
Weight	36kg
Overall Thickness	1.0mm
Zip Strip Width	50mm
<b>Physical Characteristics</b>	
Puncture Resistance (N)	230
Elongation at Break %	50
Methane Gas Resistance mls/m <sup>2</sup> /24hr	<0.03
<b>Visqueen Tanking Primer Solution</b>	
Dry Time	4 - 8 hours at normal temperature
Application Rate	- concrete 6 - 8m <sup>2</sup> / l - steel 12 - 16m <sup>2</sup> / l - screed 3.5m <sup>2</sup> / l
Availability	5l, 25l

# Visqueen Gas Resistant (GR) Self Adhesive Membrane

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## Usage

Specific advice on gas resistant detailing may be sought from the Building Research Establishment at Watford and HM Inspectorate of Pollution Control. Ensure that the surface to be treated is free from loose particles, dry and frost free. Installation should be in accordance with BS 8102. All surfaces should be sealed using Visqueen Tanking Primer Solution and allowed to dry thoroughly.

A zip strip (selvedge) makes side lap integrity easy to achieve. Remove the zip strip release paper, prior to lapping the next sheet of membrane. On end laps sheets must overlap by a minimum of 150mm.

Apply pressure during laying from the rolls centre to the edge so expelling any trapped air. Attention must be paid to all joints and laps to prevent gas penetration. The use of angle fillets and reinforcing strips is essential.

After installation the membrane should be covered as soon as possible with a sand / cement screed or other protective layer. Visqueen Gas Resistant (GR) Self Adhesive Membrane must be continuous with the DPC in surrounding walls.

Do not apply the Visqueen Tanking Primer Solution below 5°C, during rain and snow or when fog or mist is present. Very porous surfaces will require two coats.

## Storage and Handling

Visqueen Gas Resistant (GR) Self Adhesive Membrane should be stored in cartons, on end and kept dry. Visqueen Gas Resistant (GR) Self Adhesive Membrane is classified as non-hazardous when used in accordance with the relevant British Standards.

Visqueen Tanking Primer Solution in original unopened containers in a cool dry area.

Suitable protective clothing should be worn when using. Adequate ventilation must be ensured at all times during application.

## Technical Advice

For advice on detailing or installation call Visqueen Building Products Technical Help Line 01993 779911.

## Pricing & Availability

Prices may be obtained from our UK Network of merchant stockists. For details of these call our Sales Office on 01993 776346

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