

Visqueen Gas Resistant Self Adhesive DPM

- Part of the Visqueen Gas Barrier system.
- Integral aluminium foil for resistance to methane, radon and CO₂.
- Tough HDPE polyethylene membrane provides resistance to puncture and tearing.

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, providing 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.

Application

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.

Storage & 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; 01685 840672. Additional product data and installation details are available from our web site; www.visqueenbuilding.co.uk.

Pricing & Availability

Prices may be obtained from our UK Network of merchant stockists. For details of these call our Sales Office on 01685 840672

Installation

Instructions

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.

All surfaces should be free from ice, frost or condensation. Slabs must be surface dry, free from sharp protrusions and any hollows filled with high strength mortar. All surfaces should be primed using Visqueen Tanking Primer Solution applied by brush or roller and allowed to dry before the application of Visqueen Gas Resistant Self Adhesive Membrane.

Visqueen Gas Resistant Self Adhesive Membrane should be laid by peeling back the protective silicone release paper and applying the self adhesive face onto the prepared surface. The material should be brushed on to the surface to ensure good initial bond. Adjacent rolls are aligned and overlapped a minimum 150mm at side and ends and the overlaps thoroughly rolled with a firm constant pressure to ensure a complete and continuous adhesion to achieve gas tight integrity between the layers.

To provide complete security of the system care must be taken when detailing service penetrations and changes of levels. The use of angle fillets and reinforcing strips is essential. Visqueen Gas Resistant Self Adhesive Membrane is fully compatible with

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other elements of the Visqueen Gas Protection System.

After installation the membrane should be covered as soon as possible with a sand / cement screed or other protective layer. Any punctures or damaged areas should be cleaned and patched with the membrane.

Visqueen Gas Resistant (GR) Self Adhesive Membrane must be continuous with the Visqueen Gas Resistant DPC in surrounding walls – all laps must be sealed using Visqueen Double Sided Jointing Tape.

Typical Properties	
Dimensional Details	
Roll Length	20m
Width	1m
Area per roll	20m ²
Weight	26kg
Physical Characteristics	
Methane Gas Resistance	<0.03 mls/m ² /24hr
Visqueen Tanking Primer Solution	
Dry Time	4-8 hrs at normal temperature
Application Rate - concrete	10-12m ² / Ltr
Availability	5Ltr or 25Ltr
Protection Board - Bitumen Impregnated	
Thickness	3mm
Dimension	1m x 2m