

# Visqueen Gas Resistant (GR) DPC

- Integral aluminium foil for resistance to methane, radon and CO<sub>2</sub>.
- Easy to apply using traditional methods.
- Use with Visqueen Gas Resistant (GR) Membrane for complete integrity.
- Independently assessed.

## Description

Visqueen Gas Resistant (GR) Damp Proof Course is a flexible polyethylene DPC with an aluminium foil designed to prevent the transmission of carbon dioxide, radon and methane gases. This is in addition to the products usage as a damp proof course. Resistance to carbon dioxide, radon and methane is achieved by an integral aluminium film.

## Applications

Visqueen Gas Resistant (GR) DPC should be used on any site where carbon dioxide, radon or methane is a problem. Methane will occur on any construction, on any sites previously used for landfill. Such conditions can exist on household, commercial and industrial sites.

Visqueen Gas Resistant (GR) DPC has excellent physical characteristics and good cold flex performance. It is suitable for vertical, horizontal, stepped and cavity tray applications.

## Usage

Visqueen Gas Resistant (GR) DPC should be installed in accordance with BS 8215:1991, BS 8000 : Part 3, 1989 and BS 5628 : Part 3 : 1985. All horizontal DPCs must be bedded on both sides with fresh mortar. All DPCs must project through the full width of the wall, including any externally applied rendering and project 5mm beyond the finished external face. All cavities must be kept clear of mortar droppings and other debris. Any mortar droppings reaching the DPCs must be removed before they harden, avoiding the use of sharp objects for removal.

Reference should also be made to NHBC guidance notes and BRE Report BR211. Visqueen Gas Resistant (GR) DPC should be laid aluminium side upwards, sealing end laps with Visqueen Self Adhesive Membrane to protect the exposed aluminium from alkali attack.

## Typical Properties

Visqueen Gas Resistant (GR) Damp Proof Course		
<b>Dimensional Details</b>		
Roll Length	30m	
Widths	up to 1000mm <sup>2</sup>	
Weight	0.5kg/m <sup>2</sup>	
Thickness	0.5mm	
<b>Physical Characteristics</b>		
Tensile Strength (N/mm <sup>2</sup> ) (BS2782:320A)		
<i>Transverse</i>	17.4	
<i>Longitudinal</i>	19.0	
Elongation at Break % (BS2782:320A) <i>Longitudinal</i>		262%
Elongation at Break % Foil		58.4%
Methane Gas Resistance mls/m <sup>2</sup> /24hr		<0.01

## Storage and Handling

Visqueen Gas Resistant (GR) DPC is classified as non hazardous when used in accordance with the relevant British Standards. The product is chemically inert and is not affected by acids and alkalis that may be present in the sub-soils.

## Technical Advice

For advice on detailing or installation call Visqueen's 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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