

# Damp Proofing Protection System Components

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## Visqueen Damp Proofing Protection

Visqueen Building Products is recognised as the leader in the development, production and supply of high quality construction related damp proof membranes (DPM) and courses (DPC). The following components are used within the Visqueen damp proofing protection systems to ensure effective jointing, continuity and protection. Separate datasheets relating to the damp proof membranes and courses are available.

### System Components

#### *Visqueen Double Sided Jointing Tape*

##### Description

A blue, double sided butyl mastic tape, supplied in 50mm x 10m rolls.

##### Application

Tape for bonding DPMs at overlaps and for bonding membranes to DPCs at junctions with internal and external walls.

##### Installation

Ensure surfaces are clean and dry. Apply tape to the lap area of the laid sheet starting approx 50mm from the membrane edge. Overlap adjoining membrane by minimum 150mm and remove tape release paper. Apply pressure to the jointed area to ensure adhesion. When the weather is cold, store tape in a warm, dry place until required. Installation is not recommended below 5C.

#### *VisqueenPro Single Sided Jointing Tape*

##### Description

A single sided tape, supplied in 75mm x 25m rolls.

##### Application

Tape for sealing DPMs at overlaps and for sealing membranes to DPCs at junctions with internal and external walls.

##### Installation

Ensure surfaces are clean and dry. Apply tape equidistant over the bonded membrane lap. Apply pressure to the tape to ensure adhesion. When the weather is cold, store tape in a warm, dry place until required. Installation is not recommended below 5C.

#### *Visqueen Rigid Preformed Pipe Sleeve (Top Hat) Unit*

##### Description

A black, rigid polyethylene preformed pipe sleeve unit, available for either 110mm or 135mm external diameter pipes.

##### Application

Pipe sleeve for effective damp protection around service pipe penetrations.

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## Installation

Ensure surfaces are clean and dry. Cut a circular hole in the DPM as close as possible to the pipe. Apply Visqueen Double Sided Jointing Tape to the underside of the unit flange. Remove tape release paper, slide the unit over the pipe and bond to the membrane. Apply pressure to the jointed area to ensure adhesion. Apply VisqueenPro Single Sided Jointing Tape equidistant over the unit flange/membrane lap. Apply pressure to the tape to ensure adhesion. Apply VisqueenPro Single Sided Jointing Tape equidistant over the unit upstand/pipe lap. Apply pressure to the tape to ensure adhesion.

### **Visqueen Flexible Preformed Pipe Sleeve (Top Hat) Unit**

#### Description

A black, flexible polyethylene preformed pipe sleeve unit, supplied to suit pipe external diameter as required.

#### Application

Pipe sleeve for effective damp protection around service pipe penetrations. Easy to trim on site. Ideal for pipes positioned close to each other or pipes tight against internal walls.

#### Installation

Ensure surfaces are clean and dry. Cut a circular hole in the DPM as close as possible to the pipe. Apply Visqueen Double Sided Jointing Tape to the underside of the unit flange and the circumference of the pipe. Remove tape release paper, slide the unit over the pipe and bond to the membrane and pipe. Apply pressure to the jointed area to ensure adhesion. Apply VisqueenPro Single Sided Jointing Tape equidistant over the unit flange/membrane lap. Apply pressure to the tape to ensure adhesion. Apply VisqueenPro Single Sided Jointing Tape equidistant over the unit upstand/pipe lap. Apply pressure to the tape to ensure adhesion and secure with a mechanical fastening clip.

### **Visqueen Heavy Duty Protection Board**

#### Description

A 3mm thick, flexible and rot proof bituminous board, supplied in 1m x 2m sheets.

#### Application

For protection of DPMs against damage from following trades or the process of positioning spacers and reinforcement prior to laying a reinforced concrete slab.

#### Installation

Boards are loose laid and butt jointed. Where necessary the joints can be over taped with VisqueenPro Single Sided Jointing Tape applied equidistant over the junction. Ensure surfaces are clean and dry prior to application of tape. Apply pressure to the tape to ensure adhesion.

### **Visqueen Zedex DPC Jointing Tape**

#### Description

A black, double sided butyl mastic tape, supplied in 100mm x 15m rolls.

#### Application

Tape for bonding overlaps of Zedex CPT and Zedex Housing Grade DPCs.

#### Installation

Ensure surfaces are clean and dry. Apply tape to the end 100mm of the laid DPC. Overlap adjoining DPC by minimum 100mm and remove tape release paper. Apply pressure to the jointed area to ensure adhesion. When the weather is cold, store tape in a warm, dry place until required. Installation is not recommended below 5C

### **Visqueen Zedex DPC Fixing Strip**



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## Description

A semi-flexible black plastic strip, 2m long and 30mm wide. The strip is pre-drilled at approx 150mm centres (14 holes per strip).

## Application

For securing surface (face) fixed DPC cavity trays to the inner leaf of cavity wall constructions

## Installation

Bond the vertical portion of the cavity tray to the inner leaf with Visqueen Zedex DPC Jointing Tape. Position the Visqueen Zedex DPC Fixing Strip approximately 5mm below the top edge of the cavity tray and secure in position with appropriate Visqueen Zedex DPC Fixing Pins to provide a permanent mechanical fixing

### **Visqueen Zedex DPC Fixing Pins for Masonry**

## Description

A grey plastic fixing pin with a central nail. Hammering the central nail into the body of the fixing expands the fixing securing it in the drilled hole. Supplied in a box of 50 pins.

## Application

For securing surface (face) fixed DPC cavity trays to blockwork, cast concrete, etc, inner leaves of cavity wall constructions.

## Installation

Bond the vertical portion of the cavity tray to the inner leaf with Visqueen Zedex DPC Jointing Tape. Position the Visqueen Zedex DPC Fixing Strip approximately 5mm below the top edge of the cavity tray. At one end of the Fixing Strip, drill a 6mm diameter hole (through the DPC and tape) into the inner leaf of the cavity wall, to a depth of 55mm, using the hole in the Fixing Strip as a guide. Insert the Fixing Pin through the Fixing Strip into the drilled hole and secure in position by tapping the central nail into the body of the fixing using a flat faced hammer. The barbed portion of the Fixing Pin will expand securing the Fixing Strip and cavity tray in position. Repeat for each hole of the Fixing Strip.

### **Visqueen Zedex DPC Fixing Pins for Insulation**

## Description

A black plastic, fir-tree, push-fit fixing pin. Supplied in a bag of 1000 pins.

## Application

For securing surface (face) fixed DPC cavity trays to the rigid urethane foam facing of composite inner leaves in cavity wall constructions.

## Installation

Bond the vertical portion of the cavity tray to the inner leaf with Visqueen Zedex DPC Jointing Tape. Position the Visqueen Zedex DPC Fixing Strip approximately 5mm below the top edge of the cavity tray. At one end of the Fixing Strip, use a bradawl to form a pilot hole (through the DPC and tape) into the insulation, using the hole in the Fixing Strip as a guide. Push the Fixing Pin through the Fixing Strip into the pilot hole. The fir-tree portion of the Fixing Pin will secure the Fixing Strip and cavity tray in position. Repeat for each hole of the Fixing Strip.

### **Visqueen Detailing Strip**

## Description

A white surfaced, self adhesive strip, supplied in 300mm x 10m rolls.



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## Application

Self adhesive strip to ensure continuity of damp protection at complex junctions and stanchions.

## Installation

Ensure surfaces are smooth, clean and dry. Prime the substrate to which the strip is to be adhered with Visqueen Tanking Primer and allow to dry. Do not apply primer to surface of membrane. Cut the strip to size ensuring overlap of minimum 150mm on to the membrane and the primed substrate. Progressively remove the release paper while pressing the strip firmly on to the surface. Work from the centre of the strip outwards to remove any trapped air. When the weather is cold, store strip in a warm, dry place until required. Installation is not recommended below 5C.



# Damp Proofing Protection System Components

## Appendix A



### Visqueen Building Products

Visqueen is the market leader in the manufacture and supply of structural waterproofing and gas protection systems. Visqueen offers the complete package - a proven, reliable range backed by a technical support service that goes unmatched in the market - everything you would expect from a reputable and ethical company.

### System Accessories

To ensure full waterproofing protection please use the following certified system components:

- Visqueen High Performance (HP) Tanking Primer
- Visqueen TreadGUARD1500
- Visqueen Protect&Drain
- Visqueen Top Hat Unit

### Downloads Library

- Technical Datasheet
- Declaration of Performance
- Visqueen's Guide to CE Marking

### Find your local stockist

Search our directory of Visqueen specification Stocking Centres to locate your nearest Visqueen Partner.

### Distributor Support

Our specification Stocking Centres can access a free library of sales support tools, bespoke catalogues and more, [click here](#).

### Technical support throughout your project

We are specialists in our field and can help you specify the correct solutions with the necessary performance levels, in accordance with building regulations.

- Nationwide site support team
- Specification advice
- Installation guidance & project sign off
- System design including CAD details

