_planningadvice

From: Grant, David
Sent: 11 November 2019 08:32
To: _planningadvice
Subject: RE: Sycamores Back Bank, Whaplode Drove H23-0832-19

My apologies 6SUP.

From: Asher, Marie **On Behalf Of** _planningadvice
Sent: 11 November 2019 08:32
To: Grant, David
Subject: FW: Sycamores Back Bank, Whaplode Drove H23-0832-19

Morning David

Please advise under what code.

Thanks
Marie

From: Grant, David
Sent: 11 November 2019 07:50
To: _planningadvice <planningadvice@sholland.gov.uk>
Subject: Sycamores Back Bank, Whaplode Drove H23-0832-19

Please attach the below emails and attachment to the application.

Many thanks,

David Grant | Senior Planning Officer | **South Holland District Council**
Direct Dial: 01775 764472
www.sholland.gov.uk
Please note that any informal officer opinion expressed by this email is without prejudice and is not binding on the Council during the consideration of any formal application.

From: jjhartleypeterborough@gmail.com [mailto:jjhartleypeterborough@gmail.com]
Sent: 08 November 2019 15:20
To: Armour, Susan (SHBK)
Cc: Grant, David; 'Garrett Barron'
Subject: FW: Membrane

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

This message originated from outside your organization

Dear Sue,

SYCAMORES, BACK BANK, WHAPLODE DROVE, SPALDING H23-0832-19

Further to David Grant's email dated 6 November 2019 10:02, I attach the following:

Delivery notes
Delivery notes for the membrane, jointing tape, air bricks and telescopic vents.

Photos
Please see photographs of installation below.

Quantities
The photographs show that the membrane fully covers the two houses.

Installation
Installation advice sheets

May I ask you now, please, to inform David Grant that you are satisfied, then he can seek permission from Richard Fiddler to release the Conditions Approval.

Kind Regards,

John J. Hartley

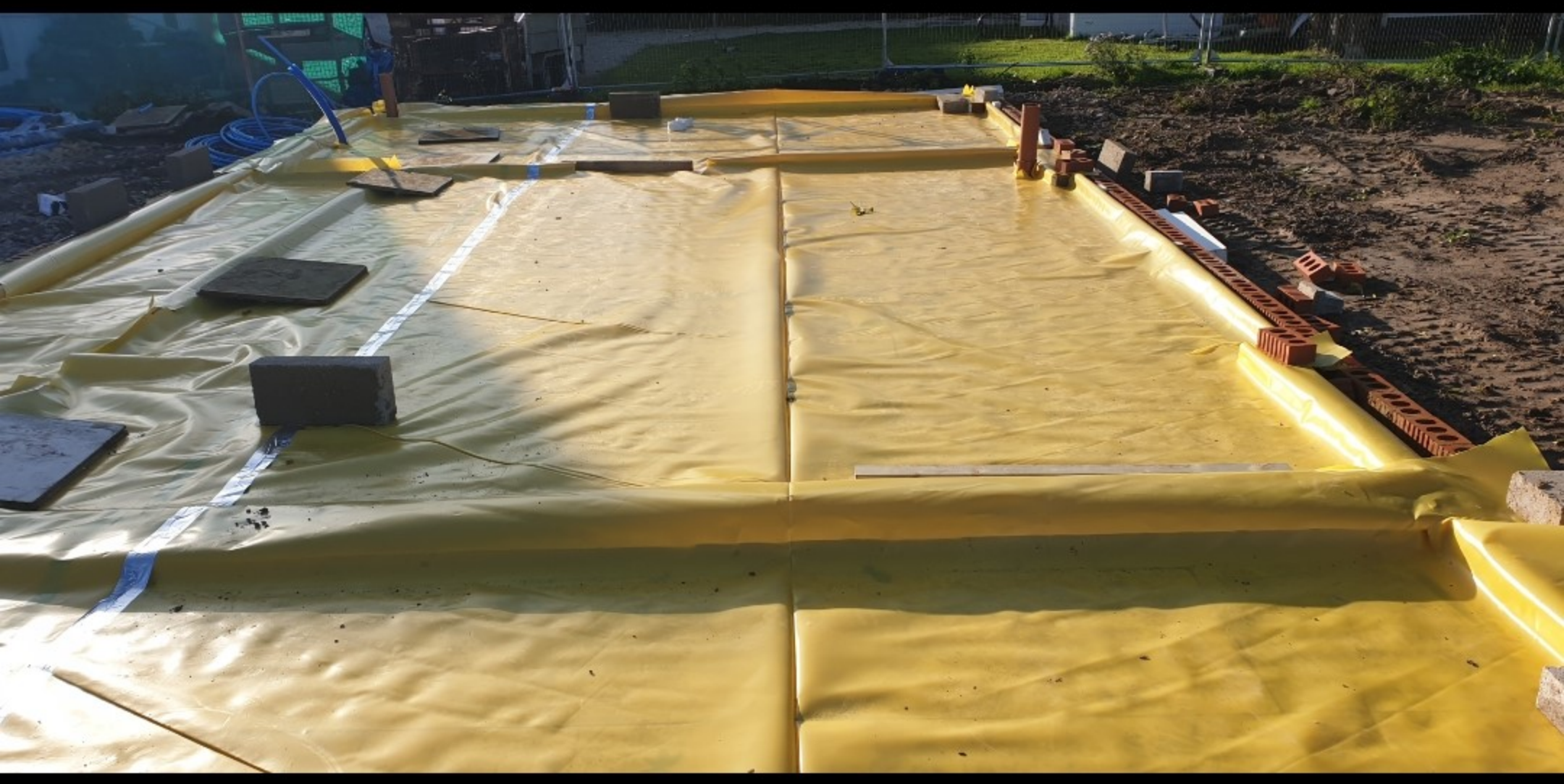
J J & J Hartley Architectural Consultants & Surveyors
109 Fulbridge Road
Peterborough
PE1 3LE

Tel: 01733 707012
Partners: J. J. Hartley, N. E. Kerr

Click below to visit our website:

From: Garrett Barron [redacted]
Sent: 08 November 2019 09:27
To: jjhartleypeterborough@gmail.com
Subject: Re: Membrane


9:11
4G
47%



Get Outlook for Android

From: jjhartleypeterborough@gmail.com <jjhartleypeterborough@gmail.com>
Sent: Friday, November 8, 2019 9:14:53 AM
To: 'Garrett Barron' [redacted]
Subject: RE: Membrane

Thank you for your email Gary – may I ask you to re-send please, attaching the referred to photographs.

Kind Regards,

John J. Hartley

J J & J Hartley Architectural Consultants & Surveyors
109 Fulbridge Road
Peterborough
PE1 3LE

Tel: 01733 707012
Partners: J. J. Hartley, N. E. Kerr

Click below to visit our website:
www.jjandjhartley.co.uk

From: Garrett Barron [redacted]
Sent: 08 November 2019 09:09
To: JJ & J Hartley <jjhartleypeterborough@gmail.com>
Subject: Membrane

Hi john

As one can see... there was enough "Visqueen" membrane
3 rolls were used

Many thanks

Garrett

Get Outlook for Android

SUPPLIED BY

MKM B.S. (Kings Lynn) Ltd
Hamburg Way
North Lynn Industrial Estate
KINGS LYNN
Norfolk
PE30 2ND

Tel: 01553 817830
Fax: 01553 817839

Invoice to:-

G Barron Developments Ltd
[redacted]

Invoice

Invoice Number
0038/45006927

Deliver to:-

G Barron Developments Ltd
Sycamores
Back Bank
Whaplode Drove
Spalding
[redacted]
PE12 0TT

Account	Our Operator	Despatch Date	MKM Order Number
0153266	Daniel Brister	24/10/2019	710413
Your Contact	Your Reference		Page
			1 of 1

Quantity	Product	Price	Total	V
Advice note: 0038/45006927 24/10/2019				
Supplier PREC01 Supp Adv No: SDN119637		Date: 24/10/2019		
2 EA	VISQUEEN LOW PERM GAS MEMBRANE 4X12.5M YELLOW 500MU C/F ROLL RS058893 B079467	89.33 EA	178.66	S
3 EA	VISQUEEN POLYTHENE JOINT TAPE DOUBLE SIDED 50MM X 10MTR RS000343 B079453	8.51 EA	25.53	S
1 EA	FOIL BACKED GIRTH JOINTING TAPE 75MM X 50MTR RS000344 B017787	17.59 EA	17.59	S
1 EA	CARRIAGE CHARGE B077884	30.00 EA	30.00	S

Rate	Goods	VAT		
S 20.00	251.78	50.36	Total Goods	251.78
			Total VAT	50.36
GBP Sterling			Invoice Total	302.14
			All prices are in Sterling	

Mail Ref: 1 of 1

All goods are sold subject to our normal terms and conditions of sale and remain the property of MKM until payment is received in full
Bank Details: Lloyds Banking Group plc - Account Number: 01022500 - Sort Code 30-94-44
MKM B.S. (Kings Lynn) Ltd is a member of the MKM Buildings Supplies (Holdings) Limited group of companies, www.mkmbs.co.uk
Registered Office: MKM Building Supplies (Holdings) Limited, Stoneferry Road, Hull, HU8 8DE. Registered No. 5656601 England. VAT Registration Number: GB 721 4534 61

MKM BUILDING SUPPLIES

SUPPLIED BY
MKM B.S. (Kings Lynn) Ltd
Hamburg Way
North Lynn Industrial Estate
KINGS LYNN
Norfolk
PE30 2ND

Tel: 01553 817830
Fax: 01553 817839

Invoice to:-

G Barron Developments Ltd
[redacted]

Invoice

Invoice Number
0038/30050265

Deliver to:-
G Barron Developments Ltd
Sycamores
Back Bank
Whaplode Drove
Spalding
[redacted]
PE12 0TT

Account	Our Operator	Taxpoint Date	MKM Order Number
0153266	Daniel Brister	21/09/2019	703000
Your Contact	**Your Reference**		**Page**
			1 of 1

Quantity	Product	Price	Total	V
Advice note: 0038/30050265 21/09/2019				
1200 EA	65MM CLASS B PERFORATED RED ENGINEERING BRICKS B008073	551.42 TH	661.70	S
120 EA	BLOCK THERMALITE T&G TRENCH 3.6N 440 X 215 X 300MM B020493	35.50 TN	426.00	S
256 EA	BLOCK SOLID CONCRETE 7.0N 440 X 215 X 100MM B003631	9.70 TN	248.32	S
18 EA	TIMLOC 1201 AIR BRICK TERRACOTTA B000695	1.59 EA	28.62	S
18 EA	TIMLOC 1201 TELESCOPIC UNDERFLOOR VENT B000506	1.95 EA	35.10	S
3 EA	EVERBUILD OPTI-MIX MORTAR PLASTICISER 1LTR B020163	10.99 EA	32.97	S
56 EA	HANSON ORDINARY PORTLAND CEMENT OPC 25KG B012784	4.25 EA	238.00	S
3 EA	PVC DAMP PROOF COURSE 30M X 100MM WIDE RS052158 B009049	3.24 EA	9.72	S
2 EA	PVC DAMP PROOF COURSE 30M X 300MM WIDE RS052162 B003306	9.48 EA	18.96	S
5 EA	PRESTRESSED CONCRETE LINTEL 65X100 900MM (R - TYPE A 100X70) B002585	7.02 EA	35.10	S

	Rate	Goods	VAT
S	20.00	1734.49	346.90

Total Goods	1734.49
Total VAT	346.90
Invoice Total	2081.39

GBP Sterling

All prices are in Sterling

Mail Ref : 2 of 2

All goods are sold subject to our normal terms and conditions of sale and remain the property of MKM until payment is received in full
Bank Details: Lloyds Banking Group plc - Account Number: 01022500 - Sort Code 30-94-44
MKM B.S. (Kings Lynn) Ltd is a member of the MKM Buildings Supplies (Holdings) Limited group of companies, www.mkmbs.co.uk
Registered Office: MKM Building Supplies (Holdings) Limited, Stoneferry Road, Hull, HU8 8DE. Registered No. 5656601 England. VAT Registration Number: GB 721 4534 61

84 Lapping & Jointing
86 Service Pipe Penetrations
87 Sealing to Cavity Wall Constructions
88 Protecting Membranes
90 System Components

INSTALLATION/ SYSTEM COMPONENTS

LAPPING AND JOINTING

To ease the installation process we have created a step by step guide to all our system components to ensure effective jointing, continuity and protection.

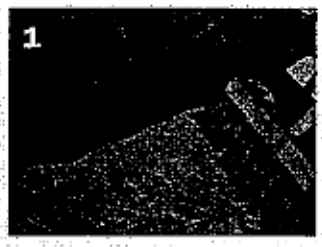
GENERAL PRECAUTIONS FOR INSTALLATION

- Ensure that all surfaces to be jointed are dry, clean, and free from grease, mortar droppings, etc.
- Do not joint membranes and DPC/ cavity trays in temperatures below 5°C. In temperatures between 5 and 10°C, some warming with a hot air gun may be required.
- Use a roller to exert maximum pressure when joining sheets with Visqueen DPM Double Sided Jointing Tape.
- If the membrane is below a steel reinforced floor, concrete slab, cover with a screed or Visqueen Heavy Duty Protection Board prior to the positioning of the reinforcement.
- If the membrane is above the slab, delay installing the membrane until just before laying the screed or flooring topping (or thermal insulation where above the slab) to avoid damage from site traffic.
- Ensure that any screed laid directly on the membrane is at least 50mm thick.

IMPORTANT
The illustrations shown are for guideline installation purposes only. For the relevant system components for your application, please refer to the products "system components" table on p90

HOW TO LAP AND JOINT A MEMBRANE ABOVE A FLOOR SLAB

Visqueen Radon (red) membrane used for illustrative purposes only.



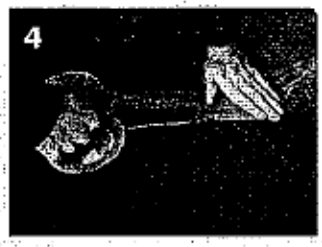
Remove loose debris from the surface of the floor slab and unroll the first sheet of membrane. The surface of the slab should be smooth and free from projections or indentations – if very rough, apply a sand blinding.



Remove the protective paper from one side of the appropriate jointing tape and apply it to the first sheet, starting about 50mm from the edge. Ensure that all surfaces are dry for maximum adhesion.



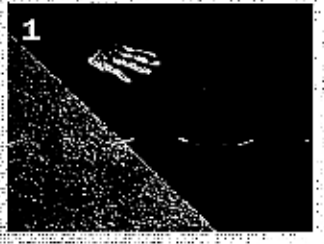
Unroll the second sheet along the joint, overlapping the first by at least 150mm. Press firmly onto the double sided tape, gradually removing the protective paper.



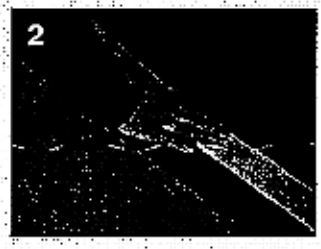
Seal the edge of the overlap with appropriate sealing tape.

HOW TO JOINT THE CAVITY TRAY TO THE MEMBRANE AT THE FLOOR PERIMETER

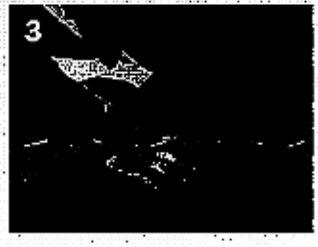
Visqueen Radon (red) membrane used for illustrative purposes only.



Install the DPC starting from the outside of the external wall, over the inner masonry leaf and finishing at least 200mm from the wall.



Just before the floor topping is applied (or floor slab is cast), clean any mortar droppings, or other debris from the DPC. Remove the protective paper from the appropriate jointing tape and apply the tape to the DPC, starting about 50mm from the edge.



Lay the membrane over the floor slab (or subfloor blinding), overlapping the DPC by at least 150mm. Press firmly onto the appropriate jointing tape, gradually removing the protective paper.



Seal the edge of the overlap with appropriate sealing tape.

HOW TO INSTALL A PRE-WELDED MEMBRANE



Ensure Visqueen Gas Barrier is laid on a level blinded surface.



Carefully unroll the pre-welded membrane.



Ensure that the membrane is not damaged during the unfolding process.

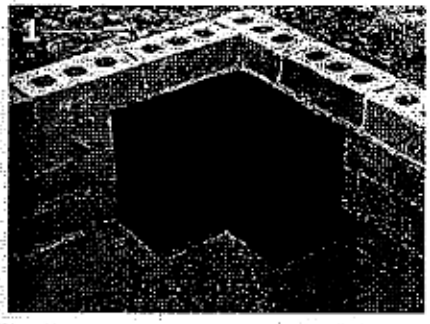


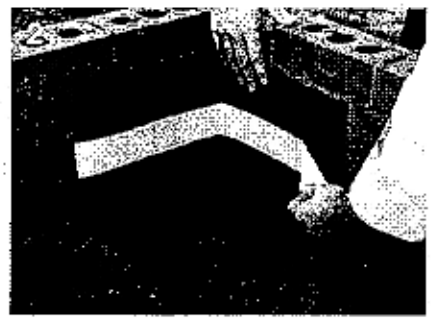
Visqueen Pre-Welded Membrane will fit exactly to the footprint dimensions.

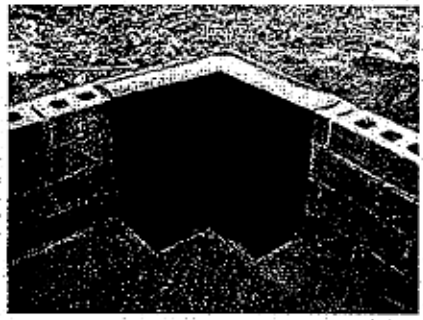
HOW DO I REPAIR A GAS MEMBRANE IF PUNCTURED OR PERFORATED?

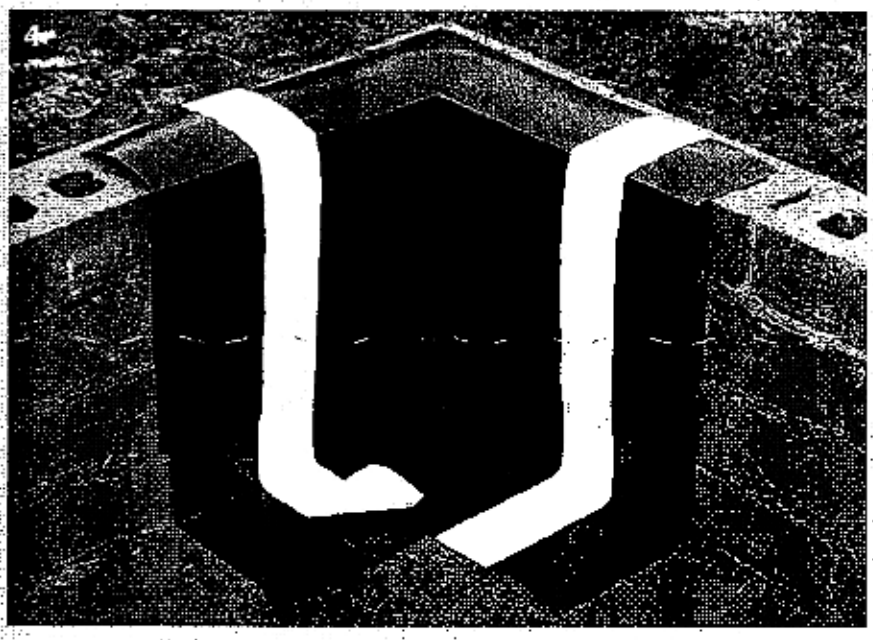
Any tears or punctures in the membrane should be patched using a piece of the same material sized to overlap at least 150mm beyond the extent of the puncture, the lap being bonded with Visqueen Double Sided Jointing Tape and sealed with Visqueen Foil Lap Tape.

HOW TO LINK PREFORMED COMPONENTS TO FORM A SEAL AT CORNERS









1) Build the masonry up to the height of the horizontal joint where the cavity tray is to be built in. Place the preformed upstand unit tight into the corner of the masonry wall.

2) Remove the protective paper from the back of the Visqueen Double Sided Jointing Tape and apply it to the upstand unit at a height that will ensure a good overlap when the downstand unit is in place. Remove the protective paper from the face of the tape.

3) Place the preformed downstand unit tight into the corner with the horizontal element sitting on the masonry wall. Press the vertical leg of the downstand unit firmly against the upstand unit, starting at the internal corner and working outwards.

4) Apply two lengths of double sided tape vertically across both upstand and downstand units, one on each return wall, ready to receive the lengths of cavity tray. When the cavity trays are sealed to the upstand units, join them to the floor membrane.

SERVICE PIPE PENETRATIONS

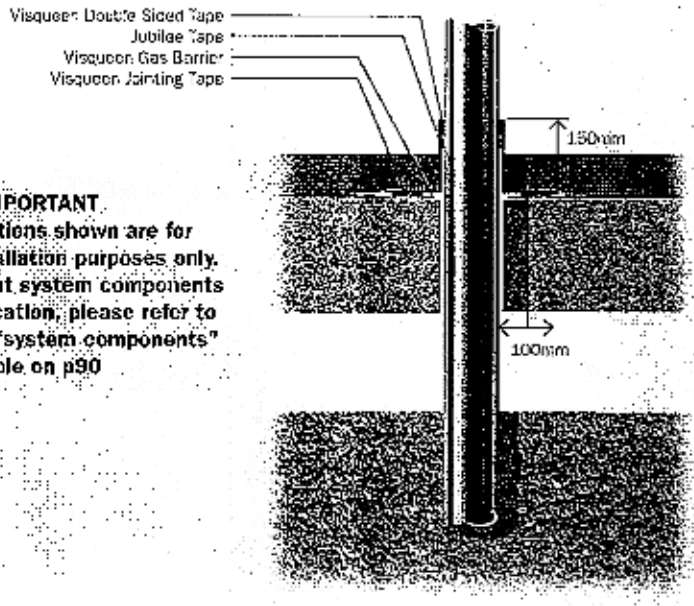
Damp proof and airtight seals should be formed around all service entry points. Visqueen Top Hat Units are available for sealing around pipe units. The full system consists of;

- Rigid preformed pipe sleeve (top hat) unit – available for either 110mm, 135mm or 160mm external diameter pipes.
- Flexible preformed pipe sleeve (Top Hat) unit – supplied to suit pipe external diameter as required.
- Double sided jointing tape.
- Girth lap tape.
- Foil lap tape – for gas applications.

IMPORTANT

The illustrations shown are for guideline installation purposes only. For the relevant system components for your application, please refer to the products "system components" table on p90

A TYPICAL TOP HAT DETAIL



HOW TO MAKE A GAS-TIGHT SEAL WHEN A PIPE PASSES THROUGH THE MEMBRANE

Visqueen Radon (red) membrane used for illustrative purposes only.



Cut a circular hole in the membrane as close as possible to the pipe, or pipe socket. Ensure that pipe penetrations do not occur at joints in the membrane.



With the pipe in position, slide the Visqueen Preformed Top Hat Unit over the pipe (various diameters are available – 110mm being the most common).



Mark the extent of the square horizontal skirt over the membrane and also mark the line of the top of the top hat unit around the pipe.



Raise the top hat unit and cut four lengths of Visqueen Double Sided Jointing Tape, one for each side of the horizontal skirt. Allowing for an overlap at each corner. Cut one length to go round the pipe.



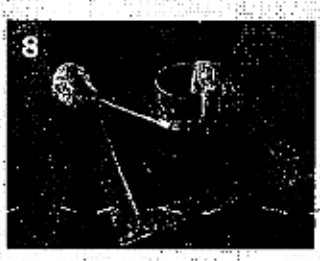
Start to remove the protective paper from the double sided tape around the pipe and raise it up at an angle so that it will project above the top hat unit when it is stuck to the membrane.



Release the protective paper from each of the four lengths of double sided tape. Lower the top hat unit, ensuring that the free end of the protective paper around the pipe is reachable, and seal the horizontal skirt to the membrane.



Gradually remove the remainder of the protective paper from the double sided tape around the pipe.



Seal the junction of the horizontal skirt and the membrane with the appropriate sealing tape and secure the top hat unit to the pipe with a jubilee clip.

SEALING TO CAVITY WALL CONSTRUCTIONS

Visqueen supply various components to secure the DPC (tray and preformed units) to cavity wall constructions. The most common surface fix or face fixed applications are shown below.

VISQUEEN ZEDEX DPC FIXING STRIP AND PINS FOR MASONRY

DESCRIPTION

The fixing strip is a semi-flexible black plastic strip which is pre-drilled at approx. 150mm centres. The fixing pin is robust and strong incorporating a central nail. By hammering the central nail into the body of the fixing, it expands the fixing and secures it in the drilled hole.

APPLICATION

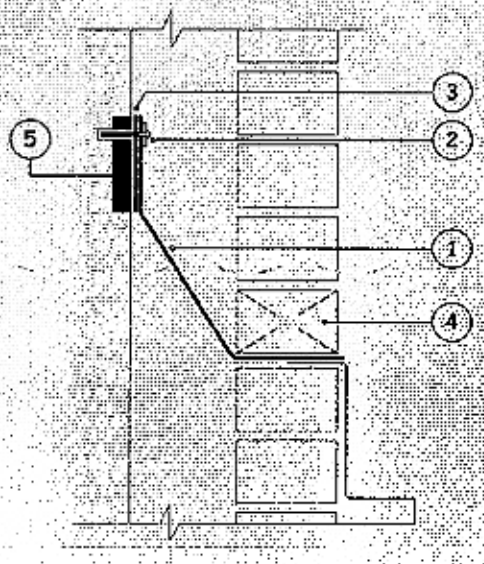
For securing surface (face) fixed DPC cavity trays to blockwork, cast concrete, etc. inner leaves of cavity wall constructions.

INSTALLATION

- Bond the vertical portion of the cavity tray to the inner leaf with Visqueen Zedex DPC Jointing Tape.
- 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.
- Repeat for each hole of the fixing strip.

A TYPICAL STANDARD SURFACE FIXING DETAIL FOR MASONRY IS SHOWN BELOW (SF-01)

KEY: 1) Visqueen Zedex CPT DPC (preformed cloaks to suit). 2) Visqueen Fixing Strip (25x2mm, pre-drilled with 8mm Ø holes). 3) Visqueen Zedex 100mm Jointing Tape on primed, flush inner skin. 4) Weepholes at 900mm centres (min 2no. per opening). 5) Visqueen HP Tanking Primer.



VISQUEEN ZEDEX DPC FIXING STRIP AND PINS FOR INSULATION

DESCRIPTION

The fixing strip is a semi-flexible black plastic strip which is pre-drilled at approx. 150mm centres. A strong and robust fixing pin with the purpose of securing the fixing strip and cavity tray in position.

APPLICATION

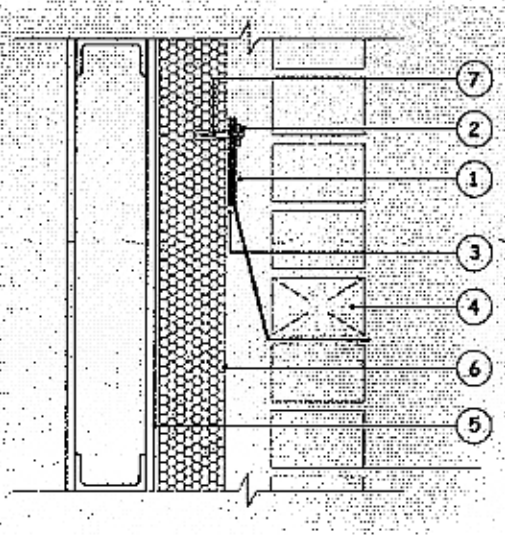
For securing surface (face) fixed DPC cavity trays to the rigid urethane foam facing of composite inner leaves in cavity wall constructions.

INSTALLATION

- Bond the vertical portion of the cavity tray to the inner leaf with Visqueen Zedex DPC Jointing Tape.
- 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.
- Repeat for each hole of the fixing strip.

A TYPICAL STANDARD SURFACE FIXING DETAIL FOR METAL FRAME IS SHOWN BELOW (SF-02)

KEY: 1) Visqueen Zedex CPT DPC (preformed cloaks to suit). 2) Visqueen Fixing Strip (25x2mm, pre-drilled with 8mm Ø holes) Visqueen Fixing Pins at 150mm centres. 3) Visqueen Zedex 100mm Jointing Tape. 4) Weepholes at 900mm centres (min 2no. per opening). 5) Metal frame construction by specialist. 6) Rigid insulation board. 7) Visqueen No.2 Fixings.



PROTECTING MEMBRANES

Visqueen offer three different protection boards to suit a variety of applications. From a bitumen composition to a reinforced LDPE blend, the varying boards are all;

— Light and easy to handle: allows ease of storage and transferring on site.
— Easy to install – can be cut and shaped on site.

VISQUEEN PROTECTION BOARDS

Heavy Duty – a tough, durable and rot resistant bituminous board that protects DPMs and tanking DPMs against mechanical damage, pedestrian or vehicular traffic and puncture from backfilling. Available in 1m x 2m x 3mm board.

Light Duty – a strong corrugated plastic board that protects Stormwater, UDG, membranes from backfill. Also protects loose laid membranes from following trades. Available in 1.22mm x 2.44mm x 3mm board.

High Impact – a reinforced PE compound board that protects DPMs and tanking DPMs against mechanical damage, pedestrian or vehicular traffic and puncture from backfilling. Available in 1.22mm x 2.44mm x 1mm board.

Protect&Drain – acts as a heavy duty protection medium for Visqueen damp proofing, gas proofing and tanking membranes. The product is 6mm thick and supplied in rolls 1.1m x 50m.

INSTALLATION

Boards are loose laid and butt jointed. Where necessary the joints can be over taped with Visqueen Girth 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.

An example detail shows where protection boards are used.

EXTERNALLY TANKED LIFT PIT SUSPENDED FLOOR (SW-03)

