Visqueen Zedex CPT High Performance

CE Mark to Damp Proof Course EN 14909

- **Excellent performance under high compressive loads.**
- **Contains no hazardous pitch or PVC plasticizers making it safe and clean to handle.**
- **System components for all applications including standard and bespoke Preformed cavity tray (cloak) units.**
- **Low permeability to Radon and Carbon Dioxide gas.**
- **BBA Certificate No.94/3059.**

QUALITY ASSURANCE
Visqueen's products are manufactured under a Quality Management System approved to IS0 9001:2000 by Knight International.

ENVIRONMENTALLY ACCREDITED
Our sites are approved by Knight International Quality Assurance to the Environmental Management System standard ISO 14001:2004.

BBA BRITISH BOARD OF AGRÉMENT
CERTIFICATE NO. 94/3059

CE

EN 14909
Type A

13

Description
Visqueen Zedex CPT High Performance Damp Proof Course (DPC) and cavity tray system is manufactured from co-polymer thermoplastic (CPT) providing all the characteristics necessary for it to perform effectively for the lifetime of the building in which it is incorporated. Visqueen Zedex CPT DPC provides superior strength, tear resistance and flexibility and is compatible with all other Visqueen damp proofing, gas proofing and tanking protection systems.

Application
Visqueen Zedex CPT DPC is suitable for use as a DPC in all types of building construction and can be used in vertical, horizontal, stepped and cavity tray applications.

On Site
High tear and puncture resistant characteristics help avoid the failures caused by damage during installation, such as clearing mortar droppings out of the cavity, general manhandling on site and during transport. Independent testing shows the tear strength of Visqueen Zedex CPT DPC to be many times that of traditional pitch polymer DPCs.

Aesthetics
Visqueen Zedex CPT DPC is also available in a range of colours, subject to minimum order quantities and lead times, to match the mortar or outer leaf. The most popular colours are white and sandstone. Our technical department will be happy to assist you with product specifications.

Mortar adhesion
Visqueen Building Products commissioned Ceram Building Technology to test Visqueen Zedex CPT DPC under BSI's DD86 Part 1 1983 for flexural bond strength and shear strength. These independent tests show that Visqueen Zedex CPT DPC

VISQUEEN BUILDING PRODUCTS

Heanor Gate, Heanor, Derbyshire DE75 7RG
T: 0845 302 4758 F: 0845 017 8663
enquiries@visqueenbuilding.co.uk
www.visqueenbuilding.co.uk

STRUCTURAL WATERPROOFING AND GAS PROTECTION SYSTEMS

Visqueen Zedex CPT High Performance

CE Mark to Damp Proof Course EN 14909

has excellent mortar adhesion characteristics. With DPCs being used extensively outside the original ground level applications, understanding the effect of a damp proof course on wall strength becomes increasingly important.

Compatibility

Visqueen Zedex CPT DPC avoids the risks of any incompatibility between the damp proof course and other damp or waterproofing materials. It can be used with a wide range of products such as silicon mastics without causing discolouration, and bituminous liquid DPMs. Such compatibility is essential to ensure a continuous waterproof barrier for the lifetime of the building. Clean and safe to handle, the materials used in Visqueen Zedex CPT DPC are chemically stable and inert, free of both solvents and aggressive chemicals. Visqueen Zedex CPT DPC is also clean and safe to use, requiring no special conditions for storage, transportation, handling, usage or recycling.

- Fully recyclable.
- Strong and flexible.
- Robust and puncture resistant.
- High tear strength.
- Excellent workability in winter conditions.

SPECIFICATION SUPPORT

The following items are available to view online or to download from www.visqueenbuilding.co.uk

. Technical Datasheets
. Typical installation CAD details
. Health and Safety data

Register online for access to NBS Clauses and for information about our CPD Seminars

TECHNICAL SUPPORT

For advice on detailing or installation call Visqueen Building Products Technical Help Line 0845 302 4758. Pricing & Availability may be obtained from our UK Network of merchant stockists. For details of these call our Sales Office on 0845 302 4758.

VISQUEEN BUILDING PRODUCTS

Visqueen Zedex CPT High Performance

CE Mark to Damp Proof Course EN 14909

Installation steps

• Visqueen Zedex CPT DPC must extend through the full thickness of the wall, including pointing, applied rendering or other facing materials.
• Visqueen Zedex CPT DPC must be laid on an even bed of wet mortar, and perforations in adjacent courses of brickwork must be completely filled with mortar.
• Visqueen Zedex CPT DPC must not be damaged by cavity cleaning after installation.
• Further information is available from BBA Certificate (94/3059), available from our website visqueenbuilding.co.uk

Jointing

All DPC laps must be a minimum of 100mm and bonded together with Visqueen Zedex DPC Jointing Tape.

All cavity tray laps to Preformed Cavity Tray (Cloak) Units must be a minimum of 100mm and bonded using Visqueen Zedex DPC Jointing Tape. Visqueen Zedex DPC Joint Support Boards are also available to support the formation and long term integrity of these joints.

Surface fixing

Visqueen Zedex DPC Fixing Strip should be used when the construction programme or the design requires the DPC to be post or surface fixed to the cavity face of the inner leaf. The surface should first be primed; the DPC then bonded to the inner leaf using Visqueen Zedex DPC Jointing Tape and finally permanently secured using Visqueen Zedex DPC Fixing Pins at 150mm intervals.

Visqueen Zedex DPC Fixing Pins for Masonry can be used for surface fixing to solid substrates such as blockwork or concrete whereas the rigid urethane foam insulation of composite inner leafs require Visqueen Zedex DPC Fixing Pins for Insulation

SPECIFICATION SUPPORT

The following items are available to view online or to download from www.visqueenbuilding.co.uk

. Technical Datasheets
. Typical installation CAD details
. Health and Safety data

Register online for access to NBS Clauses and for information about our CPD Seminars

TECHNICAL SUPPORT

For advice on detailing or installation call Visqueen Building Products Technical Help Line 0845 302 4758. Pricing & Availability may be obtained from our UK Network of merchant stockists. For details of these call our Sales Office on 0845 302 4758.

Visqueen Zedex CPT High Performance

CE Mark to Damp Proof Course EN 14909

Technical Data and CE Mark

Visqueen Zedex CPT Damp Proof Course complies with the requirements and clauses of EN 14909 - Flexible sheets for waterproofing - Plastic and rubber damp proof courses - Definitions and characteristics.

Visqueen Zedex CPT DPC products are manufactured under a Quality Management System (IS0 9001) - Certificate of Compliance reference no. 4560-3 by Knight International applies.

CE

EN 14909
Type A

13

Product Data

Characteristic	Test method	Units	Compliance criteria	Value or Statement
Visible defects	EN 1850 -2	-	Pass/Fail	Pass
Length	EN 1848-2	m	-0%/+10%	20
Width	EN 1848-2	mm	-0%/+10%	100 to 1400
Straightness	EN 1848-2	-	Pass/Fail	Pass
Thickness	EN 1849-2	mm	-20%/+20%	0.8
Mass	EN 1849-2	g/m^2	-12%/+12%	725
Tensile Strength - MD	EN EN12311	N/mm^2	>MLV	21
Tensile Strength - CD	EN EN12311	N/mm^2	>MLV	21
Tensile Elongation - MD	EN EN12311	%	>MLV	830
Tensile Elongation - CD	EN EN12311	%	>MLV	930
Joint Strength	EN12317-2	N	>MLV	235
Watertightness 2kPa	EN 1928	-	Pass/Fail	Pass
Resistance to impact	EN 12691	mm	>MLV	400
Resistance to low temperatures	EN 495-5	-40oC	MDV	Pass
Flexibility at temperatures	EN1109	-15oC	Pass/Fail	Pass
Foldability	EN 495-5	-40oC	Pass/Fail	Pass
Durability (artificial ageing)	EN 1296 and EN 1928	-	Pass/Fail	Pass
Durability Chemical Resistance	EN 1847	-	Pass/Fail	Pass
Durability against alkali - Annex C	EN 14909	-	Pass/Fail	Pass
Resistance to tearing (nail shank) CD	EN 12310-1	N	MDV	470
Resistance to tearing (nail shank) MD	EN 12310-1	N	MDV	445
Resistance to static loading	EN 12730	Kg	>MLV	Pass-20

Visqueen Zedex CPT High Performance

CE Mark to Damp Proof Course EN 14909

Water vapour transmission - resistance	EN 1931	MNs/g	MDV	372
Water vapour transmission - permeability	EN 1931	g/m^2/d	MDV	0.4
Radon Permeability	SP Test Method	m^2/s	MDV	17 x 10(-12)
Radon Transmittance	SP Test Method	m/s	MDV	22 x 10(-9)
Carbon Dioxide Permeability	ISO 2782:1995	m^2/sec/Pa	MDV	1.58 x 10(-16)
Reaction to Fire	EN 13501-1	Class	MDV	F