Zedex CPT High Performance DPC

CE Mark to Damp Proof Course EN 14909

- **Outperforms all other high performance flexible DPCs**
- **Contains no hazardous pitch or PVC plasticizers**
- **Excellent tear resistance under high compressive loads**
- **Low permeability to Radon and Carbon Dioxide gases**
- **BBA Certificate No.94/3059**

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 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.

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

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

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.

DATASHEET

Technical Support: 0333 202 6800
LAST UPDATED: 11.07.2016

VISQUEEN ZEDEX CPT DAMP PROOF COURSE

Zedex CPT High Performance DPC

Product Data

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Product Data

heading	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		-12%/+12%	725
	Tensile Strength - MD	EN EN12311		>MLV	21
	Tensile Strength - CD	EN EN12311		>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
	Water vapour transmission - resistance	EN 1931	MNs/g	MDV	372
	Water vapour transmission - permeability	EN 1931		MDV	0.4
	Radon Permeability	SP Test Method		MDV	17 x 10(-12)
	Radon Transmittance	SP Test Method	m/s	MDV	22 x 10(-9)
	Carbon Dioxide Permeability	ISO 2782:1995		MDV	1.58 x 10(-16)
	Reaction to Fire	EN 13501-1	Class	MDV	F

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Appendix A

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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

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