

Self Adhesive Membrane (SAM)

CE Mark to EN 13969

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- Self-adhesive membrane for above and below ground applications
- Tough, high performance, high density polyethylene membrane
- Provides resistance to puncture and tearing
- Use with unique Visqueen HP Tanking Primer to obtain best adhesion
- CE Mark to EN13969

Description

Visqueen Self Adhesive Membrane is a self adhesive waterproofing system. It can be used as a tanking or damp proof membrane for both horizontal and vertical applications.

Visqueen Self Adhesive Membrane has BBA Accreditation, Certificate No. 12/4924.

Visqueen Self Adhesive Membrane prevents the ingress of water and associated water-borne alkalis present in some mortar and concrete.

Visqueen Self Adhesive Membrane should be used along with Visqueen HP Tanking Primer for application on touch dry concrete or masonry. Substrates should be primed with Visqueen HP Tanking Primer prior to application.

Application

Visqueen Self Adhesive Membrane is for use in vertical tanking or horizontal self adhesive applications, such as underground basements, lift pits or retaining walls when installed in accordance with BS8102:2009. It is recommended that substrates are always primed with Visqueen HP Tanking Primer, concrete, masonry or steel at or below ground level. Adequate ventilation must be ensured at all times during application in accordance with our health & safety datasheet.

Visqueen Self Adhesive Membrane is not suitable for any roofing or podium applications.

Installation Guidelines

Installation should be in accordance with BBA Certificate No. 12/4924, BS Code of Practice 102 and BS 8102:2009.

All surfaces to which the membranes are to be applied should have a smooth finish, be dry and free from dust, loose particles and frost. The surface should then be sealed using Visqueen HP Tanking Primer and allowed to dry thoroughly.

Vertical surfaces of brickwork and blockwork should be dry and rendered to give an even surface. Brickwork and blockwork not rendered should be pointed to give a smooth surface without sudden changes in level.

All lap joints should be a minimum of 150mm and must be pressed and rolled to form a continuous bond and ensure watertightness.

A suitable drainage system should be designed and incorporated in accordance with the requirements of BS8102:2009. The membrane can be installed in normal site conditions provided the air temperature is not below 5°C.

VISQUEEN
 BUILDING PRODUCTS



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On external applications the membrane must be protected against puncture during backfilling, or subsequently by the backfill by using Visqueen Protection Board or Visqueen Protect&Drain which reduces the risk of leaks from hydrostatic water pressure.

For internal angles, fillets and detailing strips must be used (see typical details for more information).

Visqueen Detailing Strip should be used to reinforce all angles and corners. Alternatively strips can be cut from the membrane.

After installation the membrane should be covered as soon as possible with a sand/cement screed or other protective layer. Visqueen Self Adhesive Membrane must be continuous with the DPC in surrounding walls.

Do not apply the Visqueen HP Tanking Primer below 5°C, during rain and snow or when fog or mist is present. Very porous surfaces will require two coats.

Typical details showing good installation practice are available from our website.

Storage & Handling

Visqueen Self Adhesive Membrane should be stored in cartons, on end and kept dry above 10°C at all times. Visqueen Self Adhesive Membrane is classified as nonhazardous when used in accordance with the relevant British Standards.

Visqueen HP Tanking Primer to be stored in original unopened containers in a cool dry area. Suitable protective clothing should be worn during use. See health and safety datasheets at www.visqueenbuilding.co.uk.

Technical Data and CE Mark

Visqueen Self Adhesive Membrane complies with the requirements and clauses of EN 13969

British Board of Agreement performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control, and issued the certificate of constancy of conformity of the factory production control 0836-CPR-13/F062 applies.



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Product Data

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heading	Characteristic	Test method	Units	Compliance criteria	Value or statement
	Length	EN 1848-2	m	-0%/+5%	20
	Width	EN 1848-2	m	-5%/+5%	1
	Thickness	EN 1849-2	mm	-5%/10%	1.5
	Mass	EN 1849-2	g/m2/	-10%/10%	1650
	Watertightness	EN 1928	-	Pass/Fail	Pass 60Kpa
	Durability after artificial ageing)	EN 1847	-	Pass/Fail	Pass 60Kpa
	Durability against chemicals	EN 1847	-	Ps	Pass 60Kpa
	Resistance to tearing (nail shank) MD	EN 12310-1	N	>	100
	Resistance to tearing (nail shank) CD	EN 12310-1	N	>	100
	Water vapour transmission properties	EN 1931	g/m2/d	MDV	0.09
	Resistance to static loading	EN 12730	Kg	>MLV	20
	Resistance to Impact	EN 12691	nn	>	500
	Reaction to fire	EN 13501-1		Class	F
	Joint Resistance	EN 12317-1	N	>	30
	Tensile properties - MD	EN 12311-2	N/mm2	>	2.5
	Tensile properties - CD	EN 12311-2	N/mm2	>	2.5
	Tensile Elongation - MD	EN 12311-1	%	>	130
	Tensile Elongation - CD	EN 12311-2	%	>	130
	Reaction to Fire	EN 13501-1	Class	MDV	F



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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

