



Axiom Guard Primer

Primes and seal porous surfaces prior to use of Visqueen Axiom Guard membrane

- Product Information**
- New liquid technology giving superior performance
 - Highly penetrative formulation
 - Suitable for most surfaces including for green concrete
 - Quick & easy to apply
 - Part of the Visqueen Axiom Guard liquid waterproofing system

Description Visqueen Axiom Guard Primer is a solvent free, one component, polyurethane based primer suitable for all substrates. The highly penetrative formulation seals and primes surfaces prior to the use of Visqueen Axiom Guard liquid waterproofing system. It is characterised by its very low viscosity and balanced curing speed which result in excellent wetting, impregnation and paint-over time on all substrates, whether of high, low or no porosity (e.g. glass and metals).

Product Packaging The product is supplied in a 4 kilo tin and covers approximately 20m²

Application To be used as a primer for:

- Humid, damp or wet concrete
- Brick
- Metal
- Wood
- In blockwork applications Visqueen recommend Visqueen Axiom UniSEAL as one part waterproofing solution. Technical Datasheet available on this link

- Specific Approvals / Standards**
- BS8102:2009 - Code of practice for protection of below ground structures against water from the ground - Grades 1, 2 and 3 apply. Classified as a fully bonded Type A membrane.
 - BDA Agrément pending



Installation

Surface Preparation

All surfaces should be smooth, clean, dry and free from frost, oil, grease, condensation and other contamination. Cleaning of the surface by a high pressure washer is preferable. Fill surface irregularities with a suitable filler such as 3:1 mortar mix.

Application temperature should be above 5°C although the product has been proved to work at 0°C.

Gloves and suitable PPE should be worn prior to application.

Apply with roller or brush. Once cured, the main membrane (e.g. Axiom Guard liquid membrane) can be applied.

The product requires no agitation or stirring and no dilution is required therefore use directly from tin or decant to roller tray.

Installation Tip

Do not over apply and allow to puddle

Coverage Rates

Visqueen recommend 200g/m² for all surfaces. Some surfaces may require more subject to substrate porosity.

- Coverage per m² = 200 grams
- Coverage per 4 kilo tin = 20m²

	Weight	Dry Time	
Visqueen Axiom Guard H+	15 kilos	6 hours	
Visqueen Axiom Guard V+	15 kilos	6 hours	
Visqueen Axiom Guard Primer	4 kilos	24 hours	

Application	Guard H+	Guard V+	Primer
Horizontal per kg/m ²	1.5		0.2
Horizontal per kg/m ²	10		20
Vertical per kg/m ²		1.5*	0.2
Vertical per kg/m ²		10*	20

*2 coats required

Standard Details

Standard details are available at:
www.visqueenbuilding.co.uk/standard-details for the above applications.

Storage & Handling

Store the product away from any sources of ignition at temperatures between 5°C and 30°C. Visqueen Axiom Guard Primer will remain in optimum condition if stored within the above temperature range in its sealed container for a minimum 12 months. Once opened use as soon as possible. To avoid the risk of spillage, always store and transport in a secure upright position.

Clean tools and equipment first with paper and then using SOLVENT-01.

Rollers will not be re-usable.

Health & Safety

We strongly recommend that the MSDS is read prior to use or transportation. This is available at www.visqueenbuilding.co.uk. Visqueen Axiom Guard Primer is flammable and should be used in well ventilated areas away from sources of ignition. If used in closed spaces use ventilators and carbon active masks. The product can effect sensitive skins and gloves are recommended when using the product.

Wash hands thoroughly at the end of each working period. Should there be contact with skin, wash immediately with soap and water or a recognised skin cleaner. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Visqueen Axiom Liquid Membrane - the NEW revolutionary range in high performance waterproofing

Visqueen's new range consists of:

Visqueen Axiom Shield LAC – a high performance liquid DPM

Visqueen Axiom Guard – a one component liquid waterproofing membrane

Visqueen Axiom Guard Primer – primes and seals porous surfaces prior to use of Visqueen Axiom Guard membrane

Visqueen Axiom UniSeal – the ultimate high performance product for detailing and waterproofing

Visqueen Axiom CreteSeal – a one component concrete expansion joint sealant for Axiom Guard system

Product & Performance Data:

Property	Units	Method	Result
Tin size	Kilos		4
Coverage per tin	m ²		20
Shelf life in optimum conditions (unopened)			12+ months

Technical Specification

In liquid form (before application):

Viscosity (Brookfield)	cP	ASTM D2196-86, at 25°C	150-250
Specific weight	gr/cm ³	ASTM D1475 / DIN 53217 / ISO 2911, at 20°C	0.98

In cured form (after application):

Tensile strength at break at 23°C	Kg/cm ² (N/mm ²)	ASTM D412 / EN-ISO-527-3	350 (35)
Elongation at 23°C	%	ASTM D412 / EN-ISO-527-3	> 150
Dry to touch: - On dry cement - on wet cement	hours		12 6
Application of main membrane	hours		24 - 48
Adhesion to cement	mPa	ASTM D1640	> 4
Adhesion of Axiom Guard to PRIMER	mPa	ASTM D1640	> 5

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