



Axiom Shield

A high performance one part cold applied liquid DPM

Product Information

- New liquid technology giving superior performance
- Water vapour barrier
- Quick & easy to apply; fast installation
- Excellent coverage rates

Description

Visqueen Axiom Shield is an easy to use, high performance cold applied liquid membrane which rapidly dries to form a damp proof membrane. The product is manufactured using Visqueen's i-liquid technology which allows faster drying times, easier application and superior performance.

Product Packaging

The product is supplied and ready to use 5 kilo tins and packed 4 in a box.

Application

The product is specially formulated for damp proofing ground floors and behind cladding applications. Please consult Visqueen Technical department if using on below ground applications. Visqueen Shield may also be applied to the internal face of external walls above ground level to prevent the penetration of moisture. Visqueen Shield can be used on the following surfaces:

- Concrete
- Brickwork
- Metal
- Timber

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 must be clean, smooth and free from dust, or loose material. Standing water must not be present although Visqueen Shield can be applied on slightly damp surfaces. Any surface contamination e.g. oil, paint, snots, fungal growth, etc must be removed. Fill surface irregularities with surface filler such as 3:1 mortar mix.

All substrate cracks must be repaired and filled prior to product application.

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.

Application

After opening Visqueen Shield requires agitating and should be stirred well before use. The liquid can be applied from the tin using a stiff brush or transferred to another suitable container. Once the 1st coating has been applied please ensure the surface is touch dry before applying the second. Indicative drying times are on the test results table below.

Recommended coverage rates:

Metal surfaces:

- 1st coat 2.5 m²/ kg (12.5 m² per tin)
- 2nd coat 2.5 m²/ kg (12.5 m² per tin)

All other surfaces:

- 1st coat 1.5 m²/ kg (7.5 m² per tin)
- 2nd coat 2.5 m²/ kg (12.5 m² per tin)

Cleaning:

With water whilst still wet or with white spirit if dry.

Caution - helpful advice

The membrane will require covering within 28 days to protect from UV. Do not pour the material onto the surface Good ventilation is required to allow proper curing.

Standard Details

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

Storage and Handling

Store the product away from any sources of ignition at temperatures between 5°C and 30°C. Visqueen Shield will remain in optimum condition if stored within the above temperature range in its sealed container. To avoid the risk of spillage, always store and transport in a secure upright position.

Health & Safety

We strongly recommend that the MSDS is read prior to use or transportation. This is available at www.visqueenbuilding.co.uk

Visqueen Shield is flammable and should be used in well ventilated areas away from sources of ignition. 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.

AXIOM
LIQUID MEMBRANES**VISQUEEN****Visqueen Axiom Liquid Membrane - the NEW revolutionary range in high performance waterproofing**

Visqueen's new range consists of:

Visqueen Axiom Shield – 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 - overall	Kilos		5
Colour			Black
Shelf life in optimum conditions (unopened)			12+ months
Performance data			
In liquid form (before application): 90% dry matter in Xyloil			
Viscosity (Brookfiled)	cP	ASTM D2196-86 at 25°C	1500 - 2000
Specific weight	gr/cm3	ASTM D1475 / DIN 53217 / ISO 2811 at 20°C	1.28
Flash point	°C	ASTM D93 closed up	>50
Tack free time at 77°F (25°C) & 55% RH	hours		1-2
The cured membrane			
Service temperature	°C		-40 to 80
Max. temperature short time (shock)	°C		150

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