

External tanking applications

The membrane is installed horizontally across the retaining wall. Prior to backfilling, the membrane can be temporary held in place using Visqueen GX Double Sided Jointing tape 100mm wide.

Roll-end jointing (vertical)

The geotextile filter membrane extends beyond the width of the dimpled HDPE core at one side; this creates an overlap flap which should be secured to the adjacent roll with VisqueenPro Single Sided Jointing Tape. Continue laying further rolls until the tanking membrane is protected over its entire area.

Side-lap jointing (horizontal)

Unroll into position. Adjacent rolls should be placed in a similar way to the first so the dimpled cores butt together. Prior to backfilling, the membrane can be temporary held in place using Visqueen GX Double Sided Jointing tape.

Connecting to land drains

When linking to perforated land drains at the base of the retaining wall, peel the geotextile fleece to sufficiently wrap around the perforated pipe\land drain and cut the surplus membrane away being careful not to cut through the geotextile fleece.

The land drain must be maintainable and positioned as per the guidance BS8102:2009. Contact Visqueen for further information.

For Visqueen Protect&Drain 25, consider a larger diameter land drain to ensure capacity requirements are met.

Covering and backfilling

Before covering, inspect the installation of the product to ensure that gaps, open end or side laps where soil, aggregate, etc can enter the core are wrapped with geotextile and secured with VisqueenPro Single Sided Jointing Tape.

Starting the backfill process with clean stones, care then should be taken to ensure the membrane is not crushed by the force of the backfill.

Technical Data and CE Mark

Visqueen Protect&Drain complies with the requirements and clauses of EN 13252 Geotextile-related product for drainage (D) in drainage systems Intended use: D

BTTG Factory Production Control Certificate (FPC) applies: 0338 - CPR - 0911



Protect & Drain
CE Mark to EN 13252

Product Data

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heading	Characteristic	Test method	Units	Result	Result	Result
	Thickness	EN ISO 9863-1	mm	25	12	6
	Width		mm	900	1000	970
	Length		m	50	25	25
	In-plane Waterflow Capacity using hard/soft Platens (i=1.0)@20kPa	EN ISO 12958	l/s/m	10	5	1.83
	Puncture strength (CBR)	BS EN ISO 12236	kN	2.2	2.4	1.7
	Compressive strength		kn/m ²	300	500	700
	Roll weight approx.		kg	74	30	73
	Roll diameter approx.		m	1.3	1	1
	Waterflow through Geotextile	BE EN ISO 11058	l/m/s	100	100	80



Protect & Drain CE Mark to EN 13252

Appendix A

About Visqueen

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.

Complete Range, Complete Solution

- Structural Waterproofing
- Damp Proof Course
- Damp Proof Membranes
- Gas Protection and Gas Venting
- Vapour Control Layers
- Stormwater Protection

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- Standard Details
- Technical Service
- Visqueen Gas Protection Brochure
- NBS Clauses
- BBA Certificates
- Material Safety Datasheets
- Specification Guide

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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

CPD Seminars and Training Academy



Gas Protection CPD

The specification, technical design, and installation of gas protection systems, enabling the sustainable regeneration of brownfield sites.



Structural Waterproofing CPD

The specification, technical design, and installation of structural waterproofing systems for protection against water and damp ingress in both above and below ground projects.



Visqueen Training Academy

We are now able to offer exclusive in depth training opportunities on a wide variety of Visqueen products at our Training Academy.



Visqueen Special Projects

We provide high-level expertise, comprehensive support and experience in all types of waterproofing and gas protection.

VISQUEEN

Part of RPC bpi group

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