

GX Top Hat Units

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Description

Visqueen GX Top Hat Units are used to provide an effective seal around service pipe penetrations. They are available in a range of sizes, the typical size being 110mm in diameter. They are used within the GX Geomembrane system which provides protection against Hydrocarbons.

Visqueen GX Top Hat is a high quality single layer HDPE membrane and is suitable for use on brownfield sites that require protection from dangerous contaminants such as hydrocarbons and methane.

Application

Airtight seals should be formed around all service entry points. Visqueen Preformed GX Top Hat Units are available for sealing around pipe entries. The base of the pre-formed unit should be sealed using Visqueen GX Double-sided Jointing Tape and Visqueen Girth Jointing Tape.

Please Note:

When ordering your Top Hat Units, please provide the outside diameter of your pipe for the correct Top Hat fitting.

Installation

Procedure

Cut a circular hole in the membrane as close as possible to the pipe, or pipe socket. Ensure that pipe penetrations do not occur at joints in the membrane.

With the pipe in position, slide the Visqueen Pre-formed Top Hat Unit over the pipe (various diameters are available –110mm being the most common).

Mark the extent of the square horizontal skirt over the membrane and also mark the line of the top of the top hat unit around the pipe.

Raise the top hat unit and cut four lengths of Visqueen GX Double Sided Jointing Tape, one for each side of the horizontal skirt, allowing for an overlap at each corner. Cut one length to go round the pipe.

Start to remove the protective paper from the double-sided tape around the pipe and raise it up at an angle so that it will project above the top hat unit when it is stuck to the membrane.

Release the protective paper from each of the four lengths of double-sided tape. Lower the top hat unit, ensuring that the free end of the protective paper around the pipe is reachable, and seal the horizontal skirt to the membrane.

Gradually remove the remainder of the protective film from the double-sided tape around the pipe.

Seal the junction of the horizontal skirt and the membrane with Visqueen Girth Jointing Tape and secure the top hat unit to the pipe with a jubilee clip.

VISQUEEN



Appendix A

About Visqueen

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Complete Range, Complete Solution

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

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- Nationwide site support team
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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

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

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