



Visqueen Gas Vent Bollard

Features and benefits

- Versatile - suitable for all ground gas venting applications including volatile organic compounds (VOCs)
- Aesthetic finish - rust proof
- High free air flow capacity - reduces number of units required
- Slotted venting design - eliminates need for a sub-base soakaway

Product description

Visqueen Gas Vent Bollard (VT023A stainless steel) is a 110mm diameter stainless steel vent bollard with a total height of 1400mm of which between 800mm - 900mm is positioned above external ground level. The vent bollard provides a free air flow capacity of 25000mm².

Visqueen Gas Vent Bollard (VT023C plastic) is a 110mm diameter plastic vent bollard with a total height of 1400mm of which between 800mm - 900mm is positioned above external ground level. The vent bollard provides a free air flow capacity of 13200mm².

Approvals and standards

- Quality Management System ISO 9001:2015

Usage

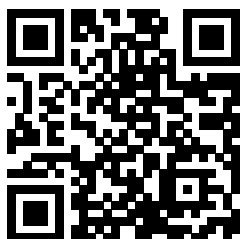
When installed as part of a Visqueen gas venting system, Visqueen Gas Vent Bollard will safely disperse harmful ground gases to atmosphere and, due to its design, reduces the risk of rainwater entering the void.

The vent bollard is typically used in applications where the gas dispersal system cannot be taken out through a perimeter masonry wall e.g. curtain walling and glazing systems. The vent bollard can be positioned close to the building perimeter wall or within the building landscaping e.g. adjacent to pathways.

System components

- Visqueen Venting Pipework and Connectors

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Visqueen Gas Vent Bollard

Storage and handling

Visqueen Gas Vent Bollard should be stored horizontally, under cover in the original packaging.

Care should be taken when handling the product in line with current manual handling regulations.

Preparation

For stability, Visqueen Gas Vent Bollard should be set in a minimum 150mm concrete surround to Strength class C25/30 to BS EN 206:2013 + A1:2016.

Installation

Ensure all below ground Visqueen Gas Vent Pipe push-fit pipework joints are secure and the sub-base is well compacted before positioning the Visqueen Gas Vent Bollard.

Connect the vent bollard to the vent pipe so that between 800mm and 900mm is visible above external ground level. Drill holes in the vent pipe corresponding to the pre-drilled holes in the lower portion of the vent bollard. Insertion securing bar.

Ensure the vent bollard is vertical. Below ground level form a minimum 150mm concrete (Strength class C25/30 to BS EN 206:2013 + A1:2016) surround to the vent bollard. Remove any concrete spill before it sets and clean off residue with soapy water.

Usable temperature range

There are no temperature range restrictions for installing Visqueen Gas Vent Bollard and associated system components.

Additional information

Please ensure that Visqueen Gas Vent Bollard is positioned in service where it cannot be damaged by moving vehicles. For additional detailing information, contact Visqueen Technical Services +44 (0) 333 202 6800

The information in this datasheet was correct at the time of publication. It is the user's responsibility to obtain the latest version of the datasheet as it is updated on a regular basis. The information contained in the latest datasheet supersedes all previously published editions.



Visqueen Gas Vent Bollard

| Property | Units | Value |
|--------------------------------------|-----------------|-----------|
| Height (overall) | mm | 1400 |
| Height (above external ground level) | mm | 800 - 900 |
| Diameter | mm | 110 |
| Free air capacity (stainless steel) | mm ² | 25000 |
| Weight (stainless steel) | kg | 8 |
| Free air capacity (plastic) | mm ² | 13200 |
| Weight (plastic) | kg | 1.48 |

Health and safety information

Refer to the Visqueen Gas Vent Bollard material safety datasheet (MSDS).

Visqueen Gas Vent Bollard

About Visqueen

The Visqueen name has long been recognised as one of the leading manufacturers of high quality advanced membrane technologies and design based solutions by specifiers, distributors, builders merchants and contractors throughout the UK and Europe.

For further guidance on the Visqueen services shown below, please refer to the relevant section of the Visqueen website (www.visqueen.com) or contact Visqueen Technical Services on +44 (0) 333 202 6800 or enquiries@visqueen.com

Complete Range, Complete Solution



Structural
Waterproofing



Gas
Protection



Damp Proof
Membrane



Tapes



Damp Proof
Course



Stormwater



Vapour
Control

Visqueen Technical Support

Visqueen combine an extensive product portfolio with industry leading levels of service and support which includes guidance over the phone, bespoke CAD drawings to help with complex detailing, electronic NBS specifications and access to a dedicated team of highly knowledgeable and experienced field based Technical Support Managers.

Visqueen Technical Support is available to all our customers including architects, specifiers, distributors, builders merchants, contractors and end users. All of our technical team have been awarded the industry recognised qualification Certificated Surveyor in Structural Waterproofing (CSSW).

Visqueen CPD Seminars

The Visqueen Continuing Professional Development (CPD) Seminars provide up-to-date information on changes within Building Regulations/Building Standards and nationally recognised industry guidance affecting damp proofing, water vapour control, hazardous ground gas protection and below ground structural waterproofing.

The one hour seminars have been produced for design specialists within the construction sector and are delivered by our team of Technical Support Managers.

Visqueen PI designs and special projects

From initial design to the completed project, Visqueen are with you every step of the way. Whether it be hazardous ground gas protection and/or below ground waterproofing protection employing barrier, structurally integral or drained systems, Visqueen can offer professional indemnity (PI) insurance for bespoke Visqueen design solutions.

Visqueen Technical Support Managers work with all stakeholders to provide cost effective Visqueen solutions offering complete peace of mind throughout the construction phase and beyond.

Visqueen Training Academy

Based at our manufacturing facility in Derbyshire, the Visqueen Training Academy is available to support Visqueen customers throughout the UK by providing a wide range of both theory and practical skills related training.

Courses include one day product awareness training for our distributors and builders merchants to help them in their day-to-day jobs, through to intensive three day courses giving detailed hands-on training in the practical skills required for safe and robust product installation.