



## VisqueenPro Gas Vent Box

### Features and benefits

- Used for all ground gas venting applications including volatile organic compounds (VOCs)
- Tested to BS EN 1433:2002 - suitable for loads up to 12.5 tonnes
- Heel safe lids - suitable for use in pedestrian areas
- System allows for water management - reduces risk of rainwater entering the void

### Product description

VisqueenPro Gas Vent Box comprises a galvanised steel base with a 110mm pipe inlet and adjustable feet for leveling purposes and to secure the box within the concrete surround. The galvanised steel grating lid is 530mm x 123mm and is secured with locking bolts.

Each vent box provides a free air flow capacity of 20148mm<sup>2</sup>.

### Approvals and standards

- Conforms to BS EN 1433: 2002, load class B125
- Visqueen certified with Quality Management System ISO 9001:2015
- Visqueen certified with Occupational Health and Safety System ISO 45001:2018
- Visqueen certified with Environmental Management System ISO 14001:2015

### Usage

VisqueenPro Gas Vent Box is a high performance ground level vent box that when installed as part of a Visqueen gas venting system will safely disperse harmful gases to atmosphere and reduce the risk of rainwater entering the void. The product can also be used to ventilate air spaces e.g. the open void below suspended precast concrete floor structures.

The vent box 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 box is normally positioned close to the building perimeter wall but is suitable for load class B125 to BS EN 1433:2002 which includes pedestrian precincts, light vehicles and private car parks.

### System components

- Visqueen Venting Pipework and Connectors



## VisqueenPro Gas Vent Box

### Storage and handling

VisqueenPro Gas Vent Box should be stored under cover in the original packaging.

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

---

### Preparation

The VisqueenPro Gas Vent Box should be connected to a suitable soakaway to drain rainwater entering through the vent box grating.

For stability, minimum 50mm concrete to Strength Class C25/30 is required beneath and around the vent box.

---

### Installation

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

Connect the vent box to the vent pipe ensuring that the top of the vent box grating is either flush or slightly below the external ground level hard landscaping. NB. The grating must not protrude above the external ground level.

Bed the vent box on minimum 50mm concrete (Strength class C25/30 to BS EN 206:2013 + A1:2016) and surround with the same. 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 VisqueenPro Gas Vent Box and associated system components.

---

### Additional information

Please ensure that VisqueenPro Gas Vent Box is suitable for your intended application. Stainless steel vent boxes and vent boxes for classes higher than B125 ratings are also available.

After the building has been occupied, please ensure that the guidelines on the loadings are followed as once installed, Visqueen cannot take responsibility for damage caused by traffic moving over the vent box.

Where heavy vehicles are temporary moving over the vent box e.g. during building maintenance, please ensure the vent box is plated to prevent damage.

For additional detailing information, contact Visqueen Technical Services +44 (0) 333 202 6800



## VisqueenPro Gas Vent Box

Property	Units	Value or Statement
Width	mm	123
Length	mm	530
Height without legs	mm	112
Load class		B125
Free air flow capacity	mm <sup>2</sup>	20148

### Health and safety information

Refer to the VisqueenPro Gas Vent Box safety datasheet (SDS).

## VisqueenPro Gas Vent Box

### 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](http://www.visqueen.com)) or contact Visqueen Technical Services on +44 (0) 333 202 6800 or [enquiries@visqueen.com](mailto: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 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 two day courses giving detailed hands-on training in the practical skills required for safe and robust product installation.