

PRO Gas Vent Box



- Releases harmful gases safely
- Suitable for most applications
- Reduces the risk of rain water into the void
- Easy and secure installation
- Approved & tested to B125 (EN1433) load class

Description

VisqueenPro Gas Vent box is a high performance ground level vent box that when installed as part of Visqueen's gas venting system will safely disperse harmful gases to atmosphere and reduce the risk of rain water entering the void.

VisqueenPro Gas Vent box comprises of a galvanised base including a 110mm pipe inlet and adjustable feet to ease installation and secure the box to the concrete base. The galvanised lid is secured by a heavy duty grating lock mechanism. The lid has been tested to EN B125 (EN1433), a 12.5t load test thus ensuring the lid will perform under heavy loads. The lids are also 'heel' safe approved.

To view the vent box design please [click here](#)

The gas vent box is also available in stainless steel but please contact Visqueen's Technical Support Team for suitability and order requirements.
enquiries@visqueenbuilding.co.uk

System design – gas and water management

The 110mm pipe is connected to Visqueen T (twin) Fitting (VT001) which allows the system to be joined to the Visqueen gas vent system and the other to connect to the rain water/ land drainage system.

Please [click here](#) to view a typical standard detail.

Application

Typical building applications are curtain walling and glazing where the system cannot be taken through a perimeter wall.

The ground vent box should be positioned preferably close to the perimeter wall and is suitable for load classes up to B 125 (EN 1433) which include pedestrian precincts, light vehicles and private car parks etc. It is not suitable for applications such as parking areas, service stations (cars) & slow-moving light commercial vehicles and other heavier duty applications.

Specification

The vent box has been thoroughly tested and conforms to EN B125 (EN 1433) – 12.5t load test.

Ensure the selected vent box is suitable for your intended application. The load test categories below provide industry guidance to the suitability for various applications. After the building has been occupied please ensure that the guidelines below on loadings are followed as Visqueen Building Products cannot take responsibility for traffic moving over

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the vent box. Where a 'cherry picker' type vehicle is used during building maintenance please ensure the vent box is plated to prevent damage.

If you require a vent box for classes above B125 please contact Visqueen Technical Team for be-spoke heavier duty lids.

Load class applications

There are six load classes recognised in BS EN 1433:2002.

- A 15 - Pedestrian, cycleways, minimally trafficked area (light domestic vehicles only)
- B 125 - Pedestrian precincts, light vehicles, private car parks & drives
- C 250 - Parking areas, service stations (cars) & slow-moving light commercial vehicles
- D 400 - Parking areas for all vehicle types
- E 600 - Industrial areas, heavy wheel loads, slow-moving HGV's & forklifts, service stations
- F 900 - Airport runways, very heavy industrial & military installations, service yards & lorry parks

Installation

- Ensure Type 1 concrete is fully compacted.
- Connect gas vent unit to vent pipe. Top edge of unit 1mm below Finished Floor Level (FFL)
- Back fill around unit with concrete to Strength Class C25/30 to a minimum of 50mm surrounding and under unit.
- Clean off any concrete visible on gas vent unit with soapy water

Please click [here](#) to view a typical standard detail illustrating the above method

There are 4 small weep holes within the vent box to aid the galvanising process.





Visqueen Building Products

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.

System Accessories

To ensure full waterproofing protection please use the following certified system components:

- Visqueen High Performance (HP) Tanking Primer
- Visqueen TreadGUARD1500
- Visqueen Protect&Drain
- Visqueen Top Hat Unit

Downloads Library

- Technical Datasheet
- Declaration of Performance
- Visqueen's Guide to CE Marking

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Search our directory of Visqueen specification Stocking Centres to locate your nearest Visqueen Partner.

Distributor Support

Our specification Stocking Centres can access a free library of sales support tools, bespoke catalogues and more, [click here](#).

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

