

## SEL Environmental Limited



**TYPE : HDPE Combination Venting Bollard**  
**PRODUCT CODE: SELG01205**

The SEL SELG01205 HDPE Combination Venting Bollard is the first product of this kind to be specifically developed and manufactured to allow air to pass in and out of a gas ventilation system at the same time using a single component.

This is a unique vent bollard that can provide ventilation via two individual integral chambers, each with 18,000sq.mm open vent area. These chambers can be utilised separately or combined to provide a high capacity vent of 36,000sq.mm.

**SIZE:** The bollard is 1.5m in overall length and when installed stands 1.0m above f.g.l. The upper riser is 160mmØ over a 230mmØ base.

The bollard is installed in conjunction with a lightweight ventilation base unit (Product Ref: SELG01402) and is secured into position with the mounting plate and non ferrous securing bolts provided with the base.



**SHAPE:** The bollard comprises two sections. The upper dome section is circular on plan with a diameter of 160mm. The lower section is also circular on plan with a diameter of 230mm.

**MATERIAL:** The bollard is rotationally moulded from hdpe and is finished with a black texture to simulate a cast iron finish.

**FEATURES - robust:** The bollard is manufactured using a rotational moulding process and is provided with a minimum 3mm wall thickness. This makes the bollard very robust with high resistance to impact.

**FEATURES – anti-tamper:** As this bollard was specifically designed to provide a vent at low level, the vent apertures have been detailed to prevent litter and debris collecting and eventually causing a blockage. Likewise due to the downward facing vent apertures, careless discarding of cigarette butts etc. into the ventilation system is avoided.



**SEL Environmental Limited**  
**Stormer Hill Works, Tottington,**  
**Bury, Lancashire**  
**BL8 4 AT**

**T: 01204 885555**  
**F: 01204 885533**  
**E: [sales@selenvironmental.com](mailto:sales@selenvironmental.com)**  
**W: [www.selenvironmental.com](http://www.selenvironmental.com)**



**FEATURES – anti-corrosive:** As this bollard is derived from hdpe the bollard can not rust and is resistant to the highly aggressive corrosive gases which emanate from contaminated sites.

**APPLICATION:** The SEL SELG01205 HDPE Combination Venting Bollard can be used to vent a range of situations such as underslab gas protection installations, gas barrier trenches and underground attenuation tanks.



Combination bollard on a virtual curtain gas migration barrier



Combination bollards during installation on a virtual curtain gas migration barrier

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**T: 01204 885555**  
**F: 01204 885533**  
**E: [sales@selenvironmental.com](mailto:sales@selenvironmental.com)**  
**W: [www.selenvironmental.com](http://www.selenvironmental.com)**



