

Technical Data Sheet



Louvred Access Smoke Vent

General Specification

The Fire Design Solutions 'Louvred Roof Vent' was designed and developed to allow dual use at the head of the stair or within a lobby.

Traditionally, smoke venting roof access vents were of the casement type where access was required onto the roof. Following numerous failures due to the open flap in high winds, the hinged louvred alternative was developed. This allows the vent to be used as a louvred roof vent in fire mode and restricts unauthorised roof access on operation of the detection system.

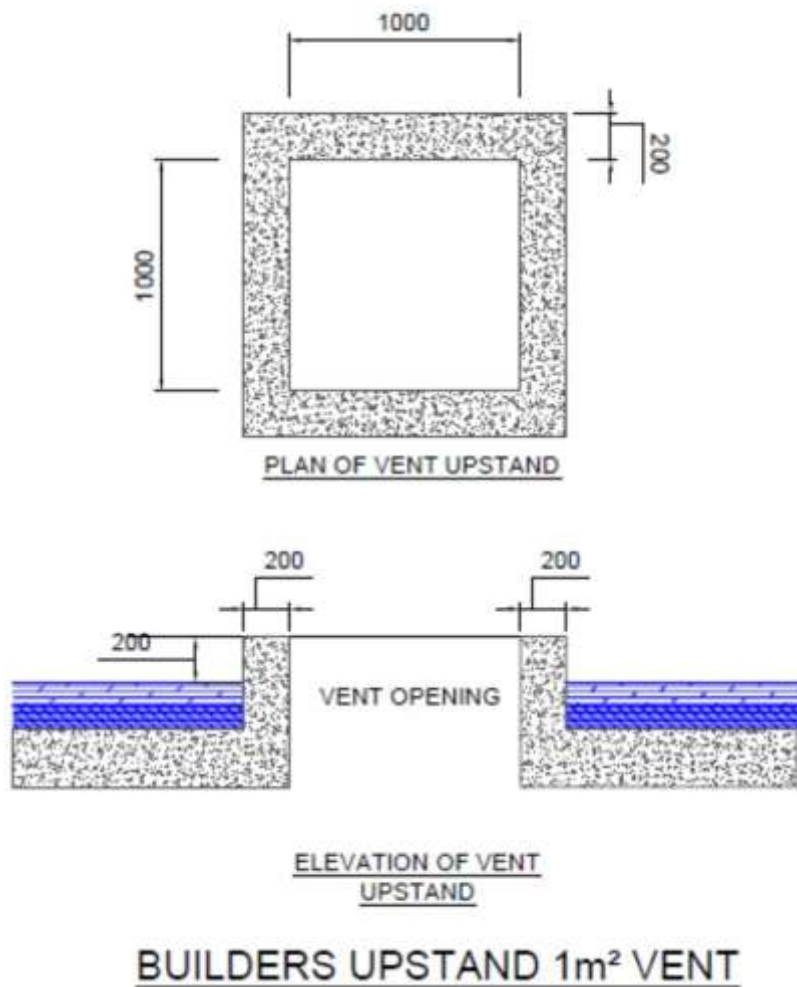
For authorised roof access, the vent body is unlocked and opened allowing access onto the roof. The blades open at the same time allowing the wind blow through so as to eliminate any wind damage. Once on

the roof, the vent should be closed until such time as the operative is ready to come back into the building and padlock the vent closed.

Product Features

- 1.5mm finished aluminium
- 24v dc 1 amp motor open, motor closed (reverse polarity)
- Tested to BS EN 12101-2:2003. RE1000, SL500, T (00), B 300, WL1500 (closed)
- BSD controls allow blades to be open during roof access
- Roof vent weight approximately 40kg per m²
- The vents comprise of a turned down skirt which sit on a 200mm wide, clear 4 sided upstand
- Single or doubled skinned blades
- Aluminium or polycarbonate blades

Upstand details required to fix the Louvred Vent are shown in the diagram below:



LOUVERED ROOF VENT

