

SHEVTEC® Smoke Shaft Door Actuator and Door

Smoke Control for Smoke Shafts



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SE Controls SHEVTEC® Smoke Shaft Door Actuator and SHEVTEC® Smoke Shaft Door is a ventilation solution that can be used in a natural or mechanical shaft as an alternative to dampers within a commercial or residential application.

Tested to BS 476-22:1987, BS 1634-1:2000, BSEN 1363-1:1999, BSEN 1364-2:2000 and to the principles of EN12101-2:2003 Annex G, the SHEVTEC® Smoke Door Actuator and SHEVTEC® Smoke Shaft Door offers the construction industry a fully certified fit for purpose solution. The actuator can be fitted to either side of the smoke shaft door and can be removed for maintenance via security tooling. To meet the stringent requirements of opening and closing a sealed smoke door, the actuator has been rigorously cycle tested for reliability and operation at 300°C in accordance to EN12101-2:2003. The actuator is power open, power close to maintain shaft integrity for the unaffected floors when subjected to high temperatures within the shaft.

The fully tested SHEVTEC® Smoke Shaft Door is available in a standard range of sizes depending on the shaft geometry (see table on page 2). A range of finishes is available to suit each project requirement.

The SHEVTEC® Smoke Shaft Door is fitted with acoustic intumescent smoke seals to shaft is maintained on unaffected floors. The SHEVTEC® Smoke Shaft Door is fitted with the fully tested SHEVTEC® Smoke Shaft Door Actuator (shaft or corridor side) that can open the door against an expanded seal. Under the new Approved Document B of the Building Regulations the smoke shaft door must deliver 1 m² of free area for a natural shaft application which allows installation above 1100mm from FFL if correctly co-ordinated. This negates the need to install grilles to the shaft, but advice should be sought from SE Controls.

***Please note this product is not available for supply only.**



SHEVTEC® Smoke Shaft Floor Grilles

Should the shaft require floor grilles SE Controls can install this item complete with structural calculations for its application.

Safety grilles are provided to facilitate maintenance access within the smoke shaft. Also where the AOV is located below 1100mm from FFL, the inclusion of a safety floor grille will alleviate the need for additional fall protection.

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