

FIRE DOOR 17

LVV40 AIR TRANSFER GRILLE WITH COVER GRILLES INTO STEEL FIRE DOOR

DESCRIPTION

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| 1 | Minimum 40mm thick steel fire door |
| 2 | Grille to door fasteners - self tapping screws |
| 3 | Pressed steel cover grille |
| 4 | LVV40 intumescent air transfer grille |
| 5 | Intumescent air transfer grille to door fasteners - self tapping screws (3.2mm x 16mm) |
| 6 | Intumescent liner |

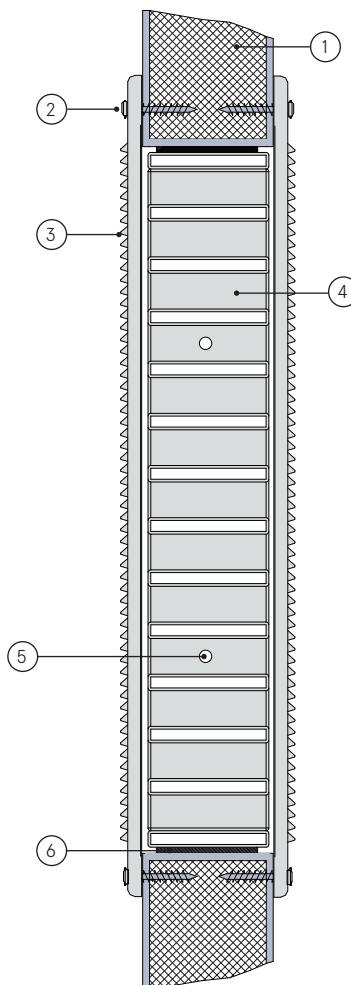
In order to comply with CF564, the upper edge of the grille shall be no higher than 3000mm from the floor level. The lower edge of the grille shall be no closer than 400mm to floor level. Consult door manufacturers before cutting out in relation to permissible aperture sizes and locations.

CONTENTS

- LVV40 air transfer grille
- Intumescent liner (LX4402)
- Cover grille (optional)

TOOLS REQUIRED

- Self tapping screws (3.2 x 16mm)
- Power drill
- Screw driver



Note: Screw holes based on 600mm square grille. Location and number may vary depending on the size of the grille. Max centres 200mm.

LVV40 into a steel fire door

FD60

Fire Resistance in accordance with

BS 476-22:1987

Approval Ref

CF564

Max single cell size

600mm x 600mm

LVV40 air transfer grilles are supplied 2mm less than the nominal size e.g. a 300mm x 300mm is actually 298mm x 298mm.

INSTALLATION INSTRUCTIONS

- ▶ Ensure that cutting an aperture in the door will not detract from the fire integrity of the door. Contact the manufacturer to establish the maximum size and optimum position.
 - ▶ Form the aperture to the required size with a maximum gap all around of 3mm.
 - ▶ Pre-drill vertical outer frames of LVV40 to accept fixing screws.
 - ▶ Apply Lorient intumescent liner to the inside faces of the aperture.
 - ▶ Fit the LVV40 into the aperture and ensure that it is positioned equidistant from each face and parallel from both faces of the door.
 - ▶ Fit retaining self tapping screws through pre-drilled holes in LVV40 vertical outer uprights into door.
 - ▶ Position pressed steel cover grille centrally over one face of the LVV40 and fix using screws.
- ▶ Repeat to other face if two cover grilles are to be fitted.
- ▶ Note: Fixings supplied by others.