

# FIRE DOOR 4

## LVH44 AIR TRANSFER GRILLE WITH COVER GRILLES INTO TIMBER FIRE DOOR

### DESCRIPTION

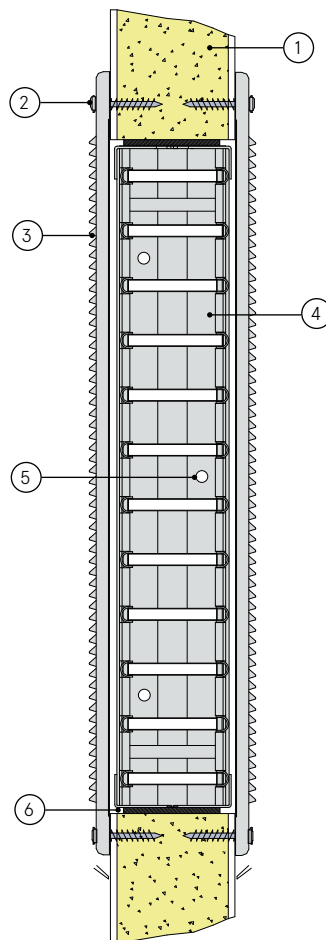
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| 1 | FD30: 44mm thick timber fire door.<br>FD60: 54mm thick timber door   |
| 2 | Grille to door fasteners - 25mm wood screws                          |
| 3 | Pressed steel cover grille   |
| 4 | LVH44 intumescent air transfer grille                                |
| 5 | Intumescent air transfer grille to door fasteners - 25mm wood screws |
| 6 | Intumescent liner.   |

### CONTENTS

- LVH44 air transfer grille
- Intumescent liner (LX4402) or (LX5402)
- Cover grille (optional)

### TOOLS REQUIRED

- 25mm wood screws
- 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.

### LVH44 into a timber fire door

#### FD30/60

#### Fire Resistance in accordance with

BS 476-22:1987

#### Approval Ref

WFRC C397901

#### Max single cell size

600mm x 600mm

LVH44 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.
- ▶ Cut the aperture to the required size with a maximum gap all around of 3mm.
- ▶ Pre-drill vertical outer frames of LVH44 to accept fixing screws.
- ▶ Apply Lorient intumescent liner to the inside faces of the aperture.
- ▶ Fit the LVH44 into the aperture and ensure that it is positioned equidistant from each face and parallel from both faces of the door.
- ▶ Fit retaining wood screws through pre-drilled holes in LVH44 vertical outer uprights into door.
- ▶ Position pressed steel cover grille centrally over one face of the LVH44 and fix using screws.
- ▶ Repeat to other face if two cover grilles are to be fitted.
- ▶ **Note: Fixings supplied by others.**