

FIRE DOOR 13

LVH44 AIR TRANSFER GRILLE FITTED INTO TIMBER FRAME WITH Z SECTION FIXINGS

DESCRIPTION

- 1 Timber frame as part of associated doorset framing system
- 2 Lorient intumescent sealant around LVH44 perimeter to a maximum clearance of 10mm
- 3 Lorient LVH44 intumescent air transfer grille
- 4 **Fixing Z section:** 40 x 20 x 1mm thick minimum galvanised steel Z section fixed to LVH44 with self tapping screws and to timber frame with wood screws

Fixing option 1: 20mm wide tabs, central to all four sides or at 200mm maximum centres

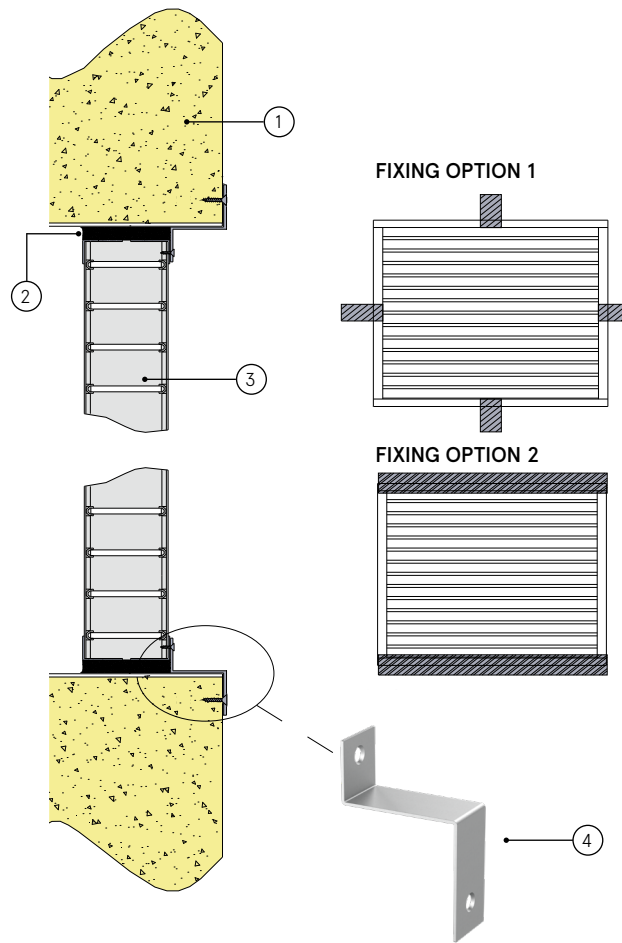
Fixing option 2: Full width tabs top and bottom only with 200mm fixing centres.

CONTENTS

- LVH44 air transfer grille
- 2mm intumescent liner
- Cover grille (optional)

TOOLS REQUIRED

- Z section fixings
- Self tapping screws (3.5 x 16mm)
- 25mm wood screws
- Lorient intumescent sealant



LVH44 for timber frame with Z section fixings

FD30/FD60

Fire Resistance in accordance with

BS 476-22:1987

Approval Ref

WFRC C121316 (AW4T3)

Max single cell size

Any rectangular shape up to 1200 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

- ▶ Apply Lorient intumescent liner to the inside faces of the aperture.
- ▶ Fix the mounting Z section onto the LVH44 air transfer grille using self tapping screws to **one side only**.
- ▶ Insert LVH44 into timber frame. (Note: air transfer grille does not have to be centrally positioned in the opening).
- ▶ Fix the Z section to the timber frame with wood screws.
- ▶ Apply a bead of Lorient intumescent sealant around the perimeter of LVH44 as shown (note: maximum clearance of 10mm applies).
- ▶ **Note: Fixings supplied by others.**