

WALL 3

LVH44 INTO RIGID WALL WITH Z SECTION FIXINGS

DESCRIPTION

- 1 Rigid wall construction
- 2 Lorient intumescent sealant around LVH44 perimeter to a maximum clearance of 25mm
- 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 wall with masonry anchors

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.

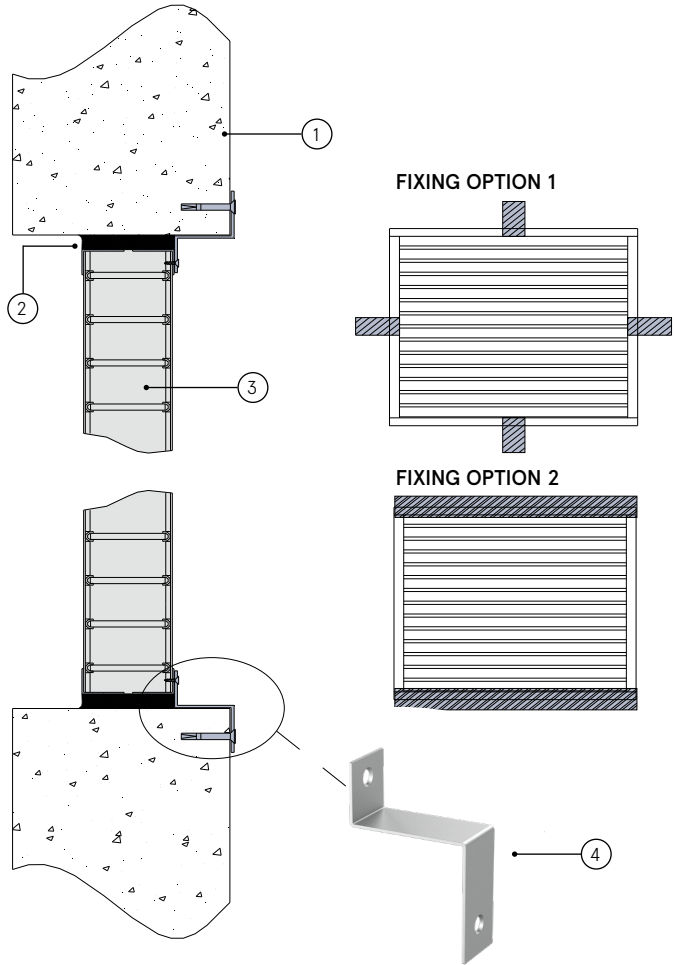
In order to comply with CF564, the upper edge of the grille shall be no higher than 3000mm from floor level. The lower edge of the grille shall be no closer than 200mm to floor level.

CONTENTS

- LVH44 air transfer grille
- Cover grille (optional)

TOOLS REQUIRED

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



LVH44 for rigid wall with Z section fixings

FR120

Fire Resistance in accordance with

BS 476-22:1987

Approval Ref

WFRC C121316 (AW3)
CF564*

Max single cell size

Any rectangular shape up to 600 x 600mm
0.2025m²*

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

- ▶ Fix the mounting Z section onto the LVH44 air transfer grille using self tapping screws to **one side only**.
- ▶ Insert LVH44 into rigid wall opening. (Note: air transfer grille does not have to be centrally positioned in the opening).
- ▶ Fix the Z section to the rigid wall with masonry anchors.
- ▶ Apply a bead of Lorient intumescent sealant to full depth around the perimeter of LVH44 as shown (note: maximum clearance of 25mm applies).
- ▶ Connect ductwork (or cover grille) directly to wall using approved breakaway connections to ensure compliance.
- ▶ **Note: Fixings supplied by others.**