

WALL 3

MASONRY WALL WITH Z SECTION FIXINGS

DESCRIPTION

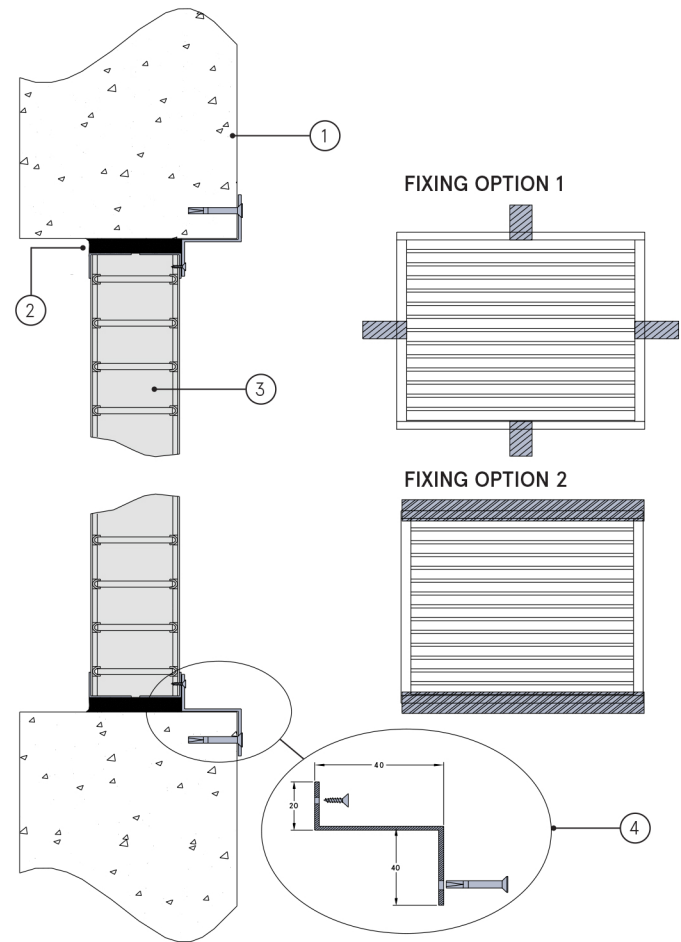
- 1 Masonry or concrete wall
 - 2 Lorient intumescent sealant around LVH44 perimeter to a maximum clearance of 25mm
 - 3 Lorient LVH44 intumescent air transfer grille
 - 4 **Fixing Z section:** 40 x 20 x 1mm thick minimum galvanised steel Z section fixed to LVH44 with self tapping screws and to wall 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.

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



certifire
(CF564)

LVH44 for masonry wall with Z section fixings

FR120

Fire Resistance in accordance with

BS 476-22:1987

Approval Ref

WFRC 121316 (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 masonry wall opening. (Note: air transfer grille does not have to be centrally positioned in the opening).
- ▶ Fix the Z section to the masonry wall with masonry anchors.
- ▶ Apply a bead of Lorient intumescent sealant 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.**