

FLOOR 8 MODULAR SYSTEMS

FIXING ON TOP OF MASONRY FLOORS WITH ANGLE FIXINGS

DESCRIPTION

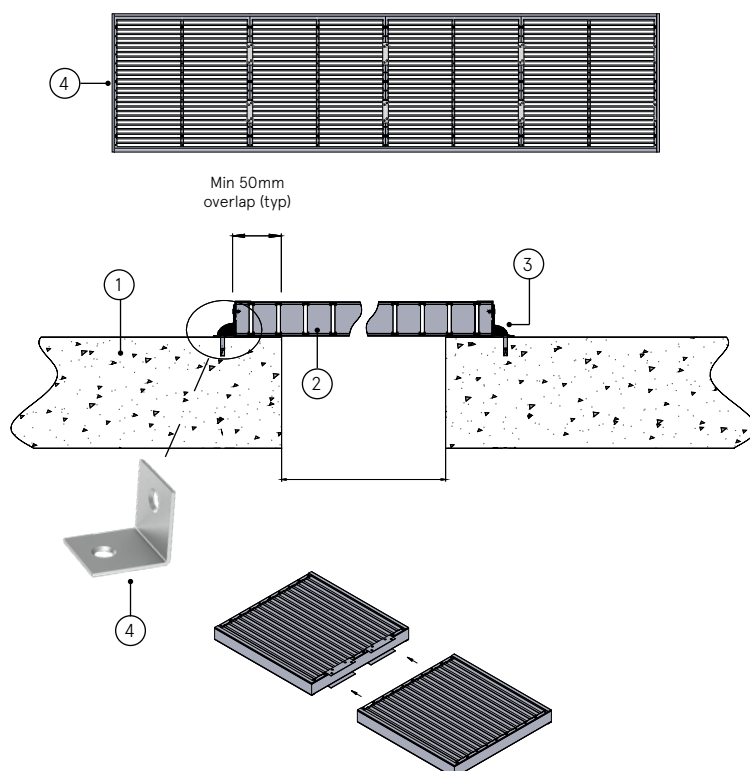
- 1 Masonry floor
- 2 LVH44 air transfer grille
- 3 Apply a bead of Lorient intumescent sealant around the edge of the LVH44
- 4 **Fixing angle:** 40 x 40 x 1mm thick minimum galvanised steel angles fixed to LVH44 unit with self tapping screws and to wall with masonry anchors to entire perimeter.

CONTENTS

- LVH44 air transfer grille

TOOLS REQUIRED

- Lorient intumescent sealant
- Self tapping screws (3.2mm x 16mm)
- Masonry anchors
- Fixing angle (40 x 40 x 1mm)



▶▶ **Note:** If no reticulating ductwork is above the slab a protective and load-bearing grate is necessary.

Fixing on top of masonry floors with angle fixings

FR120

Fire Resistance in accordance with

BS 476-22:1987

Approval Ref

WFRC C121316 (AF7)

Max single cell size

2400 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

- ▶ Measure penetration ensuring air transfer grille is 50mm larger than penetration in masonry floor.
- ▶ Slide the air transfer grille modules together ensuring a bead of Lorient intumescent sealant is used in between LVH44 modules (secure with self tapping screws).
- ▶ Fix the mounting angles onto the LVH44 unit using self tapping screws.
- ▶ Apply a bead of Lorient intumescent sealant around the edge of the LVH44.
- ▶ Mount air transfer grille onto masonry floor opening.
- ▶ Fix the angles to the masonry floor with masonry anchors.