

# FLOOR 7 MODULAR SYSTEMS

## FOR MASONRY FLOORS

### DESCRIPTION

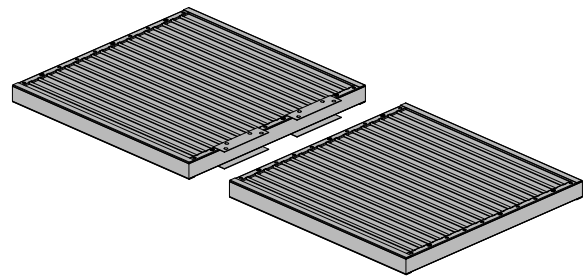
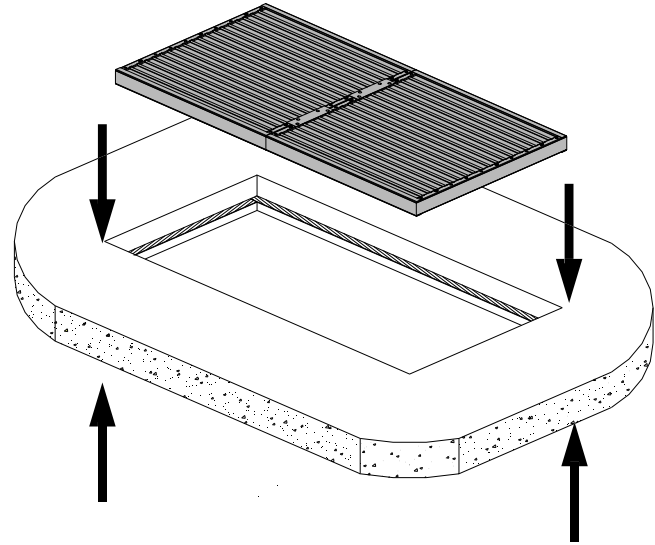
- 1 Use fixing systems below to mount modular LVH44 in floor:
  - ▶ Floor 3
  - ▶ Floor 4
  - ▶ Floor 5
- 2 Insert Lorient intumescent sealant between modules
- 3 For modular systems a 10mm (min) clearance around perimeter is required
- 4 Air transfer grille locates within tab sections

### CONTENTS

- LVH44 air transfer grille

### TOOLS REQUIRED

- Lorient intumescent sealant
- Self tapping screws (3.2 x 16mm)
- Masonry anchors



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

### Masonry floor modular system

## FR120

### Fire Resistance in accordance with

BS 476-22:1987

### Approval Ref

WFRC C121316 (AF6)

### Max single cell size

1200 x 600mm

Please consult the Lorient Technical team for larger sizes

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

This system can be installed using any one of the following three Systems:

**Floor 3: ANGLE FIXING DETAIL** (using continuous perimeter angles are required)

**Floor 4: Z SECTION FIXING DETAIL** (using continuous perimeter angles are required)

**Floor 5: PRE-CAST SLAB FIXING DETAIL**

- ▶ 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).
- ▶ Refer to the relevant systems above for specific mounting detail alternatives.
- ▶ Apply bead of Lorient intumescent sealant around perimeter of LVH44 between air transfer grille and floor.
- ▶ Fix the angles to the masonry floor with masonry anchors.