FLOOR 7 MODULAR SYSTEMS
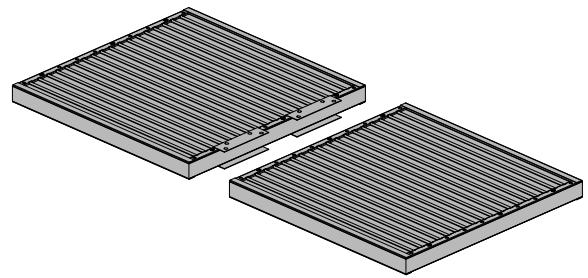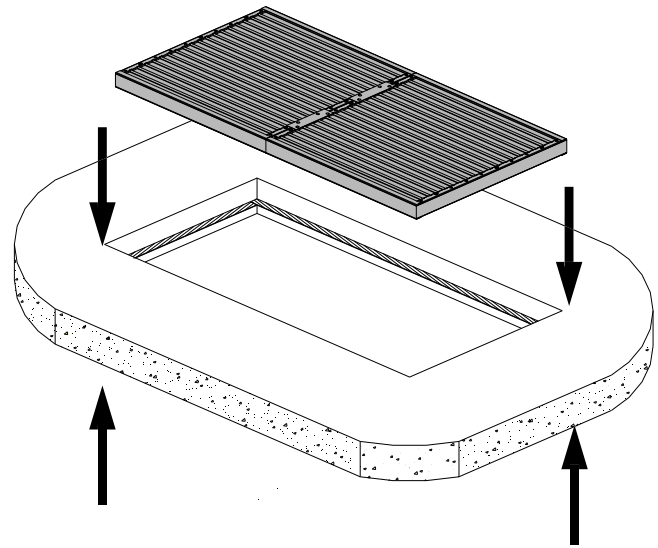
FOR MASONRY FLOORS

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.