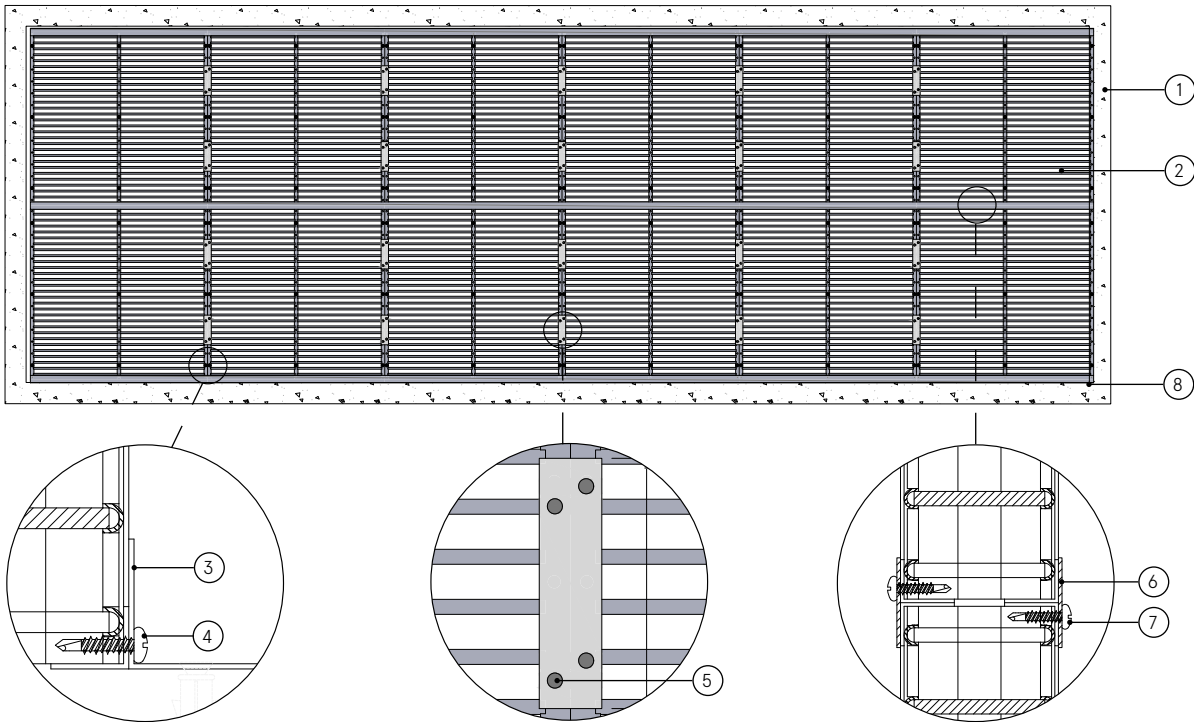


WALL 10

LVH44 MODULAR SYSTEM FITTED INTO RIGID WALL FOR LARGER APERTURES



DESCRIPTION

- 1 Rigid wall
- 2 Lorient LVH44 intumescent air transfer grille
- 3 Full length galvanised steel angle top and bottom support brackets (25 x 25 x 1mm) on both sides
- 4 Self tapping screws (3.5 x 16mm)

- 5 Spot weld or self tapping screws to jointing tab (25mm x 100mm)
- 6 Full length strap across centre (25 x 1mm) on both sides
- 7 Self tapping screws (3.5 x 16mm)
- 8 Lorient intumescent sealant around LVH44 perimeter to a minimum clearance of 10mm

CONTENTS

- LVH44 air transfer grille
- Cover grille (optional)

TOOLS REQUIRED

- Steel angles
- Steel strap
- Masonry anchors
- Self tapping screws (3.5 x 16mm)
- Lorient intumescent sealant

LVH44 modular systems for rigid wall

FR120

Fire Resistance in accordance with

BS 476-22:1987

Approval Ref

WFRC C121316

Max size.

3600mm x 1200mm

Larger sizes can be used with a different mounting detail.

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

- ▶ Fit angles into aperture on one side of the wall, apply a bead of sealant to inside of angle around the perimeter.
- ▶ Slide the LVH44 modules together ensuring a bead of Lorient intumescent sealant is used in between LVH44 modules.
- ▶ Secure tab with self tapping screws or spot weld into LVH44.
- ▶ Fit the horizontal support strap to both sides of the modular system. Fix with self tapping screws.
- ▶ Insert LVH44 into rigid wall opening (note: air transfer grille does not have to be centrally positioned in the opening).
- ▶ Apply a bead of Lorient intumescent sealant to full depth around the perimeter of air transfer grille (note: maximum clearance of 25mm applies).
- ▶ Fit second set of angles to LVH44 and secure into aperture.
- ▶ Place cover grille (optional) over aperture and use supplied fixings to install.
- ▶ **Note: Fixings supplied by others.**