

GIB® Ventshaft

Specification number	Performance	Specifications
GVS 60	FRR -/60/60	Lining 3 x 16mm GIB Fyreline® LB/NLB Non load bearing

GIB® Ventshaft is constructed from the landing side of the shaft.

FRAMING

Primary horizontal angles

25mm x 50mm (0.75BMT) metal angles fixed to floor slab and slab soffit on all sides. Ensure a good fit of the angle at the corners. Fix with steel masonry anchors at 400mm centres.

Mark the position of the anchors to ensure an offset with the secondary angle fixings.

Primary vertical angles

25mm x 50mm (0.75BMT) metal angles to all corners full height in one continuous straight length ensuring good fit slab to slab. Fix with 16mm panhead self-tapping screws.

Secondary angles

After the first layer of 16mm GIB Fyreline® has been fixed, fix 25mm x 50mm (0.75BMT) metal angles to the base and head positions on all sides ensuring a good fit at all corners. Fix with metal anchors at 400mm centres. Stagger anchors 200mm from primary anchors.

WALL HEIGHT

The wall height is limited to 3000mm.

LINING AND FASTENING

First layer

Fix the first layer of 16mm GIB Fyreline® to the top and bottom metal angles at 600mm centres horizontally commencing from one end or corner progressively attaching around the shaft using 32mm x 6g GIB® Grabber® Self Tapping Drywall Screws. Fix the 16mm GIB Fyreline® to the metal angles at the corners and walls at 400mm centres commencing 200mm up from the base angle using 32mm x 6g GIB® Grabber® Self Tapping Drywall Screws. Fix plasterboard hard to floor slab and slab soffit.

Second layer lamination

Cut sheets to provide a good fit slab to slab and at intersecting walls. Mark the face of the sheet 12mm from the tapered edges, 18mm from sheet ends, and with vertical lines at 400mm centres.

Mark fasteners at 400mm centres along these lines, starting at 18mm and then 200mm from the bottom.

Stagger/overlap sheets by no less than 300mm. Fix second layer of 16mm GIB Fyreline® to metal angles around the perimeter using 41mm x 6g GIB® Grabber® Self Tapping Drywall Screws.

Laminate the second layer to the first sheet using 38mm x 10g GIB® Grabber® Laminator Screws or 40mm x 8g Chipboard Screws. The tapered joint in the previous layer must be supported by an additional double line of GIB® Grabber® Laminator Screws.

Third layer lamination

Cut sheets to provide a good fit slab to slab and at intersecting walls. Mark the face of the sheet 12mm from the tapered edges, 18mm from sheet ends, and with vertical lines at 400mm centres. Mark fasteners at 400mm centres along these lines, starting at 18mm and then 400mm from the bottom.

Apply GIB Fire Soundseal® to the perimeter of the second layer before installing the third layer.

Stagger/overlap sheets by no less than 300mm. Screw fix at the perimeter to the metal angles using 63mm x 8g GIB® Grabber® Self Tapping Drywall screws.

Laminate the third layer to the second sheet using 38mm x 10g GIB® Grabber® Laminator Screws or 40mm x 8g Chipboard Screws.

Ensure boards overlap at corners.

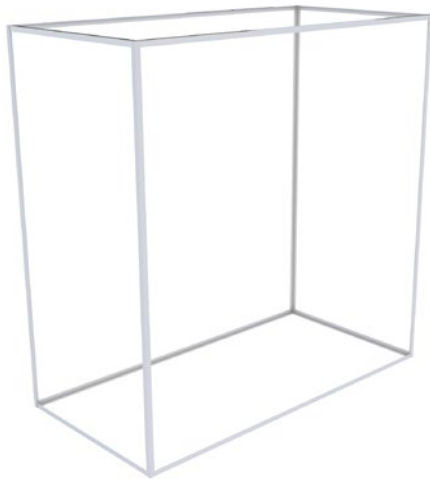
JOINTING

Inner layers: Unstopped.

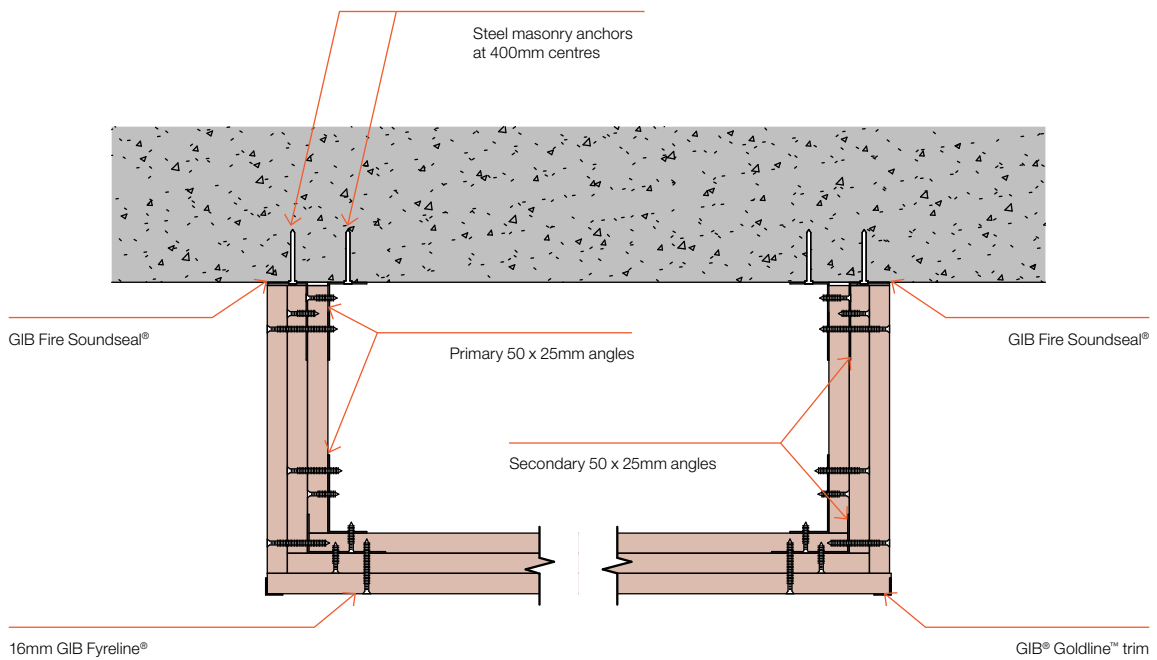
Outer layer: All screw heads stopped and all sheet joints and corners tape reinforced and stopped in accordance with the publication entitled "GIB® Site Guide".

GIB® Ventshaft

Specification number	Performance	Specifications
GVS 60	FRR -/60/60	Lining 3 x 16mm GIB Fyreline® LB/NLB Non load bearing



PLAN VIEW (WALL APPLICATIONS ONLY)



GFS 042