100mm wide x 30mm thick fire resistant mineral board block fixed to the concrete slab with Intumescent Mastic and mechanical fixings

75SW CSR Hebel Wall

Concrete floor slab

Kilargo Intumescent fire damper Max 300 x 300mm

Kilargo Intumescent mastic applied to gap between casing and floor slab - polyethylene backing rod positioned to allow for 25mm fill depth

Damper fitted tight to slab 30mm MIN

Protected sheetmetal riser

0.7mm thick or greater Gal steel angles fitted to sides and bottom of damper housing with steel screw and fixed to wall with N°8 x 65mm coarse thread screws at 150mm centre spacing or 3 per side.

Breakaway Joint in accordance with AS1682.2

VARIES

75SW CSR Hebel Wall protecting riser

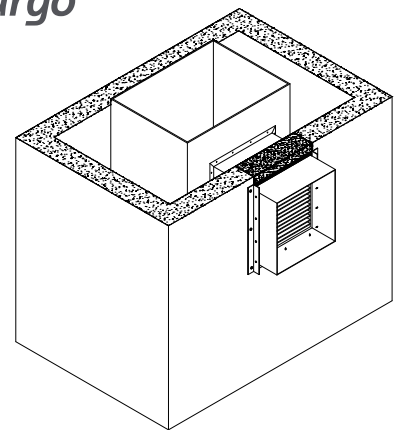Kilargo Intumescent Mastic applied to bottom and side clearance gaps

Installation Instructions

Single cell units in steel casing penetrating 75SW Hebel wall

1. Where ductwork is tight to slab use appropriate length 100mm wide x 30mm thick non combustible mineral board packing block (by others).

2. Fix mineral packing block to underside of slab with steel anchors and Kilargo Intumescent Mastic.

3. Position and fix damper into ductwork with steel screws - ensuring that the damper will be aligned and within the fire separating shaft wall once the duct is attached to the riser.

4. Seal internal gap between damper and duct with Kilargo Intumescent Mastic.

5. Liberally apply Kilargo Intumescent Mastic to non combustible block. Mechanically connect duct to riser with steel screws or steel pop rivets ensuring the gap between the damper casing and non combustible block is as tight as possible and filled with mastic.

6. Once protective shaftwall has been constructed, fire stop all gaps between the duct and shaftwall (and non combustible block) with Kilargo Intumescent Mastic (supplied separately). Ensure fill depth corresponds with those detailed in the System Drawing. Note: A maximum perimeter clearance of 25mm applies. If required use fire rated backing rod, positioned to control fill depth.

7. When connecting ductwork, ensure that an appropriate AS1682.2 compliant breakaway joint method is used.

8. Ensure convenient access is provided for visual inspection and cleaning as necessary.

9. Ensure product and certification labels are in a prominent position for easy identification during subsequent maintenance inspections.

Notes

1. Product must be fitted in accordance with this detail, including the use of Kilargo Intumescent Mastic to ensure compliance with Kilargo Fire Test Approval detailed.

2. Steel casing, angles & fixing screws are to be supplied by others.

Building Element	Hebel 75SW
Application	Mounted in steel casing tight to underside of slab
Maximum Size	300mm x 300mm
FRL	-/120 /-
Test Reference No.	CSIRO FCO2495
System No.	**WH5**