

### Installation Instructions

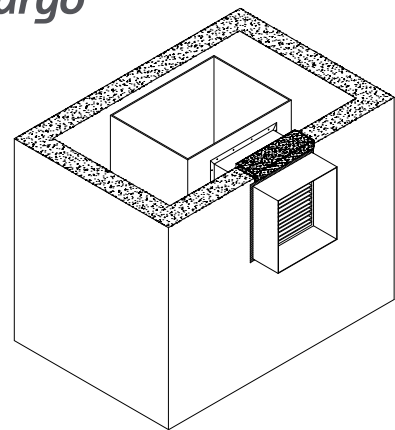
IFD44 mounted within riser branch penetrating masonry wall (angle free)

Note: Angle free system must comply with all features of this system drawing

1. Where ductwork is tight to slab use appropriate length x 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 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 and fixing screws are to be supplied by others.



Building Element	Masonry
Application	Mounted in riser branch tight to slab with packer
Maximum Size	600mm x 600mm or 0.36m <sup>2</sup>
FRL	-/120/-
Test Reference No.	FAS200142

System No. **WSW2**

