

APPENDIX

Actionair Photo Storyboard 1: Damper Vertical in blockwork wall (+IF)

GENERAL

This method of installation should only be employed with an Actionair damper that has an installation frame (+IF) fitted (FireShield shown, but applicable to SmokeShield as well)

HEALTH AND SAFETY

This process must be undertaken by competent persons. More than one person may be required to ensure the safe handling of large dampers and sections of wall.

Use must be made of access equipment to ensure unsafe practices are not used to approach walls or difficult access areas.

Standard site PPE should be used (minimum steel toe cap boots, hard hat); together with any protective eyewear, gloves and masks, when drilling or cutting is being undertaken. The latter should also be used when handling the wall construction materials, as defined by the material suppliers. If loud equipment is being used, hearing protection should be used.

All waste materials should be collected and disposed of as defined by the relevant supplier.

EQUIPMENT

Tape measure, pencil, straight edge, square, shovel, float, pliers

MATERIALS

Mortar 4:1 Sand to cement mix

STUD ANCHORS

Measure the builders tag dimensions on the damper. It is recommended that stud anchors are fitted into the sides of the hole, at positions equivalent to the builder's tags, so that the builder's tags may be tied back to the protruding stud anchors with steel wire. The wire should be wrapped around the tag and protruding stud anchor

PRESENT THE DAMPER INTO THE HOLE IN THE WALL

Turn out the building ties, put the damper into the hole and support it centrally using the building ties or with a piece of wood or board to centralise it.



ADD THE MORTAR

Add the mortar, working it fully in to the gap



FINISH

Smooth off the mortar to give a good finish

