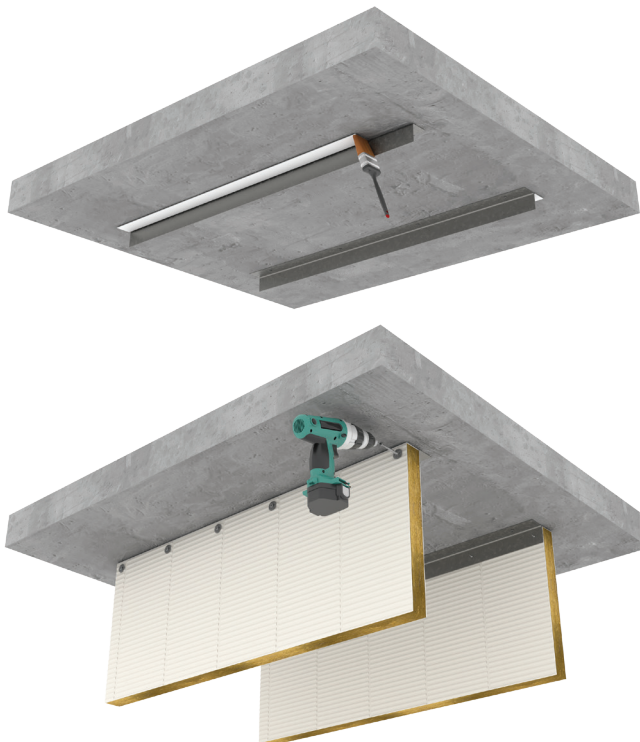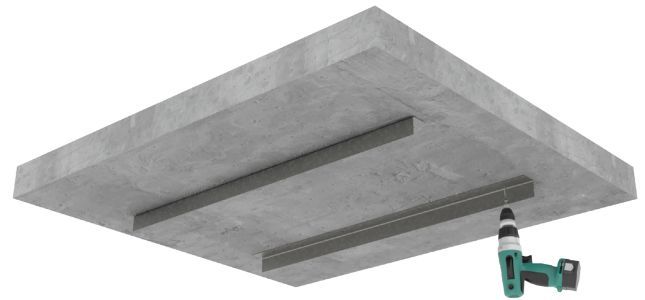# Installation Guide
FIREFLYBatt 2 hour Horizontal Boxout System for masonry floors

This installation guide has been developed for FAS190234, ID H33.

Step 1

Install 2 parallel 50 mm x 50 mm x 1.5 mm steel angles to the underside of the masonry slab using minimum 40 mm long M6 steel masony screws at 300 mm centres.

Step 2

Paint the underside of the slab and the top side of the FIREFLYBatt with FIREFLYMastic. Offer up a layer of FIREFLYBatt and fix it into the angle using 8g 75 mm self-tapping screws and penny washers at 200 mm centres.
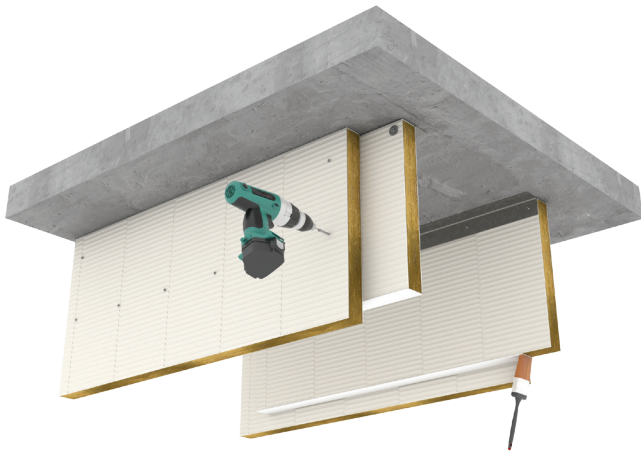
Step 3

Repeat the process for the second layer ensuring that all abutments and joints are coated with FIREFLYMastic.
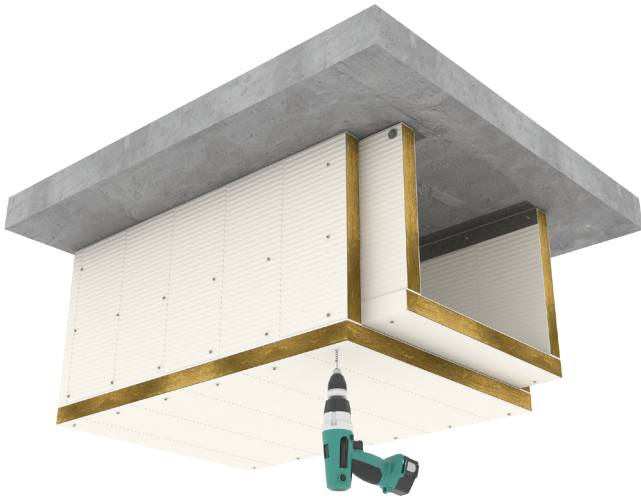
Step 4

Install the second layer of FIREFLYBatt by laminating it to the first layer ensuring a minimum 200 mm stagger offset joint. Secure into place with FIREFLYMastic and 90 mm pigtail screws at 100 mm centres at the top and bottom of the sheet, and 90 mm pigtail screws across the centre line of the 1200 mm sheet.

Step 5

Coat all the joints and abutments with FIREFLYMastic, offer up the first horizontal layer of FIREFLYBatt and secure into place by screwing through the down-legs of the FIREFLYBatt into the sides of the horizontal FIREFLYBatt using 90 mm pigtail screws at 100 mm centres.

Step 6

Laminate the second layer of FIREFLYBatt to the first using FIREFLYMastic and 90 mm pigtail screws at 100 mm centres at the long edges of the FIREFLYBatt and 3 pigtail screws down the centre line.

Step 7

Continue with the same process, cutting the FIREFLYBatt into jigsaw pieces around existing service penetrations and treating them locally with the correct FIREFLY fire stopping systems detailed within Warringtonfire Report FAS190235.

Coat all the joints and abutments with FIREFLYMastic.