

Installation Guide

BAL-FZ Wall System AS1530.8.2

Within 10m of Vegetation

Step 1

Position the FIREFLY Plus 60 blanket onto the top plate. Secure by placing

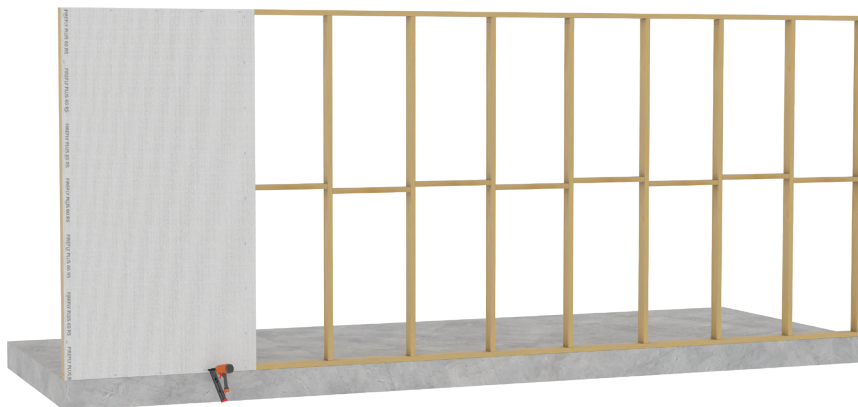
- A few staples in the centre of the FIREFLY Plus 60 blanket, using a hammer tacker for a **timber frame**;
- A few screws in the centre of the FIREFLY Plus 60 blanket, using 25mm SD button head screws for a **steel frame**.

Once secure, let it drop.



Step 2

Using the centre fixings as a swivel point, lift the right or left top edge to align the FIREFLY Plus 60 blanket plumb with the upright studs. Temporarily secure into position by placing a few more staples, using a hammer tacker for a **timber frame** or 25mm SD button head screws for a **steel frame**.

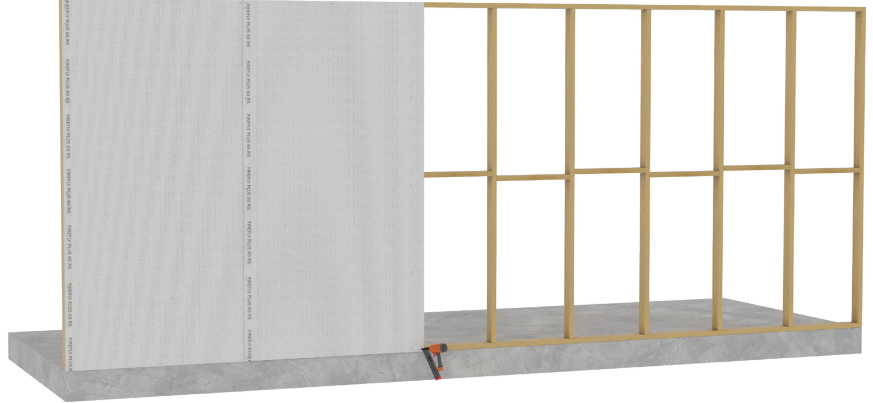


The FIREFLY Plus 60 blanket is 1300 mm wide which will allow a 60mm overlap onto the face of the timber/steel studs. Stretch taut ensuring no creases and secure (staple/screw).

Step 3

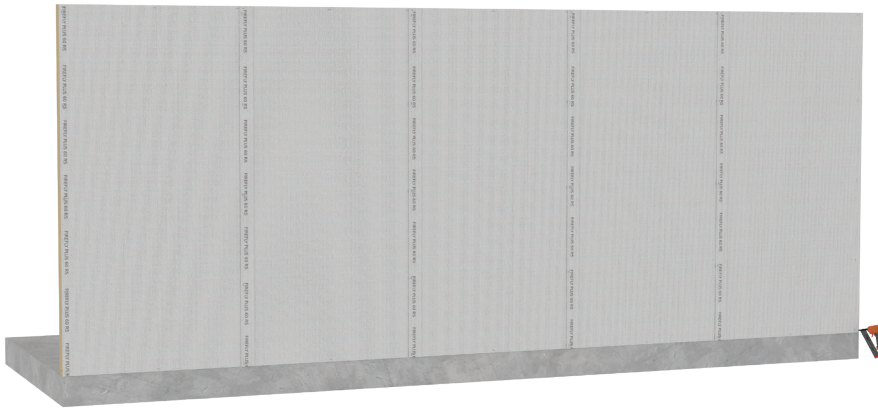
Install the next sheet in the same way as the first, ensuring a 50mm overlap on the first layer. Temporarily secure into position using

- A hammer tacker for a **timber frame**;
- 25mm SD button head screws for a **steel frame**



Step 4

Continue the process until the whole elevation is wrapped.

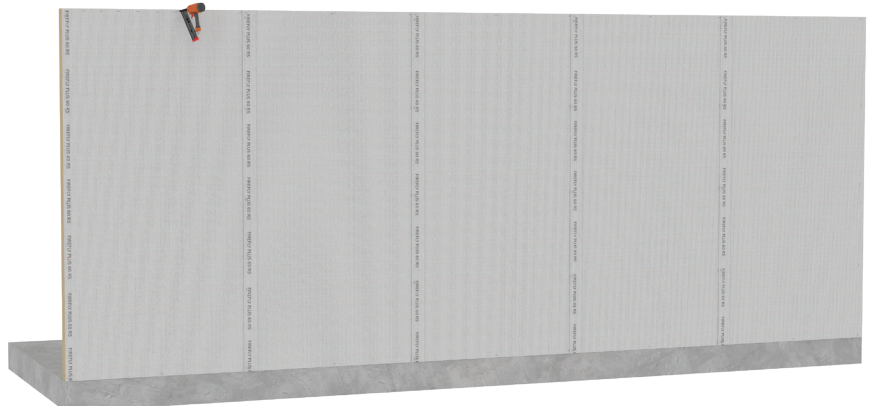


Step 5

Permanently affix using

- A pneumatic staple gun with 38mm x crown head staples for a **timber frame**;
- 25mm SD button head screws for a **steel frame**

To secure the FIREFLY Plus 60 blanket, run a row of staples/screws across the head plate and bottom at 50mm centres.

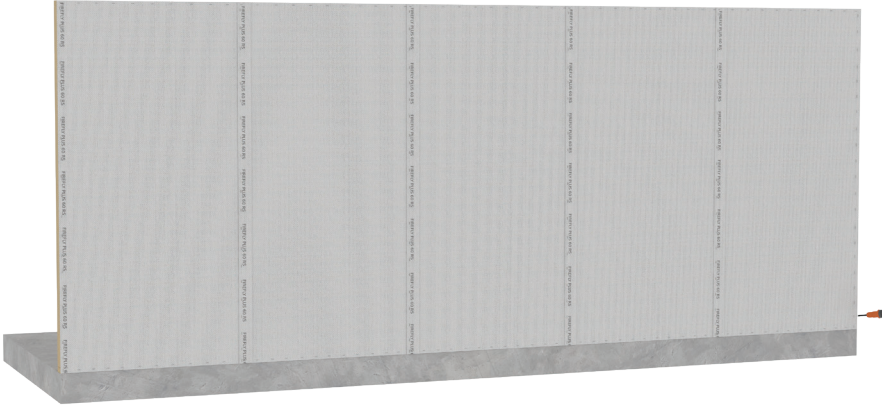


Step 6

Run a row of staples/screws down the perimeter edges at 50mm centres, then a row of staples/screws up the FIREFLY

Plus 60 Blanket at 50mm centres to permanently secure to the frame, using

- 38mm x crown head staples for a **timber frame**;
- 25mm SD button head screws for a **steel frame**

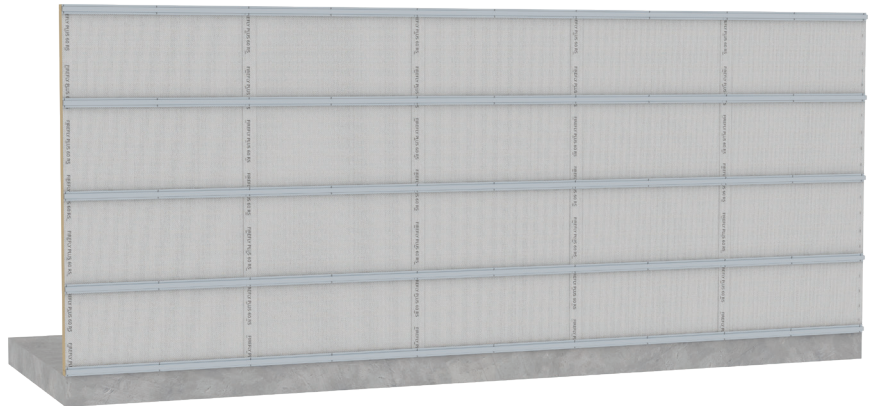


Step 7

Install a steel top hat (40mm x 90mm x 0.48BMT) over the top of the FIREFLY Plus 60 blanket. Secure by placing two screws in every stud (one in the top lip and one in the bottom lip) with

- 12g 40mm hex head timber screws for a **timber frame**;
- 25mm SD button head screws for a **steel frame**

Install the rest of the steel top hats in the same manner ensuring that they are not spaced more than 600mm apart.



Step 8

Once the top hats have been installed, overlay them with FIREFLY Non-Combustible Sarking (Breathable or Non-Breathable). Secure at 600mm centres, with

- 8g 16mm self-drilling pan head screws for a **timber frame**;
- 25mm SD button head screws for a **steel frame**



Step 9

Install the next piece of FIREFLY Non-Combustible Sarking ensuring a minimum 50mm overlap onto the bottom layer.



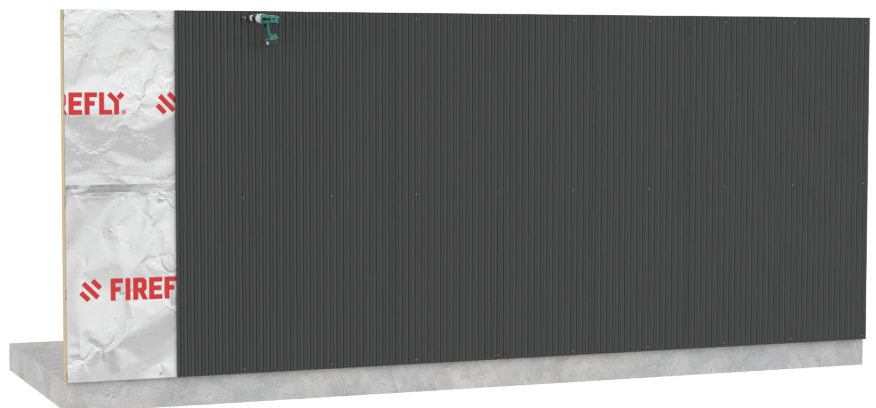
Step 10

Once the FIREFLY Non-Combustible Sarking is secured, tape the joints using FIREFLY Aluminium Reinforced Tape.



Step 11

Install steel sheeting over the top of the FIREFLY Non-Combustible Sarking using 10g 16mm hex head self drilling screws, fixed at centres as per steel cladding manufacturer's requirements.



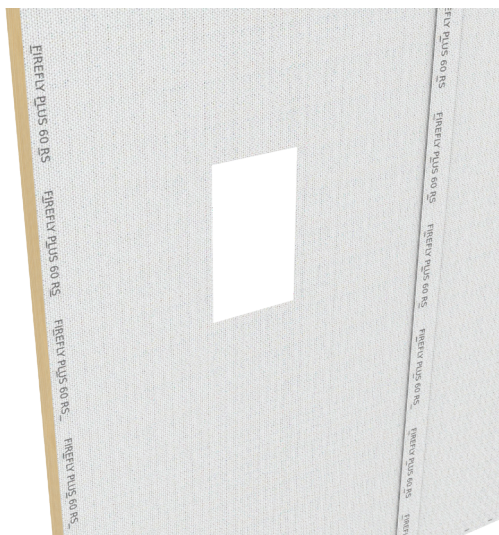
Step 12

Install 90mm thick (minimum) R2.0 glasswool insulation between the timber or steel studs, ensuring no gaps.



Step 13

The internal plasterboard can now be installed. Plasterboard to be standard grade minimum 10mm thick, installed in accordance with the manufacturer's instructions.



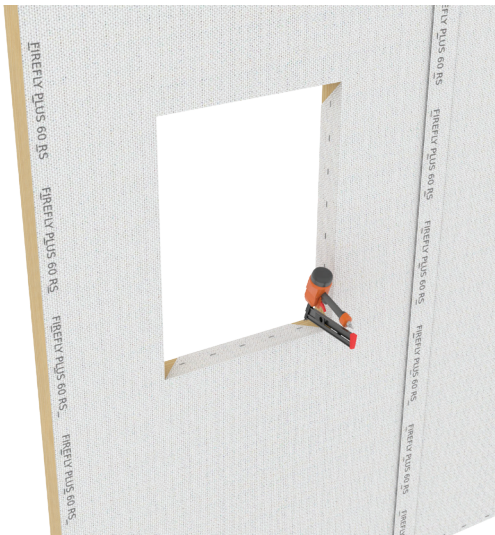
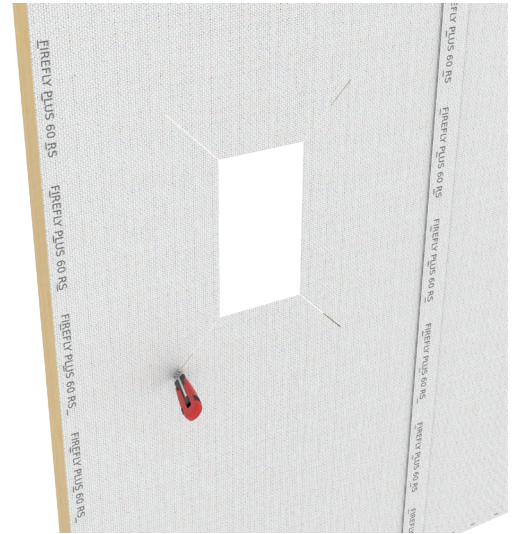
Step 14

Reveal for windows and doors

Install the FIREFLY Plus 60 Blanket over the reveal, then using your hand push against the Plus 60 to feel the perimeter of the reveal. Measure 150mm in from the perimeter and make a smaller rectangle with a marker pen. Cut out using a Stanley knife.

Step 15

Using a Stanley knife, slice the internal corner of your cut-out to the internal corner of the reveal.



Step 16

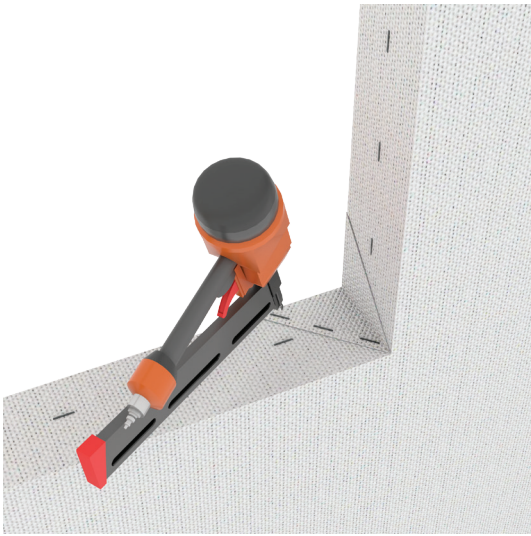
Pull the laps into the reveal, pull taut and hammer tacker into place. Continue this process for the entire perimeter of the reveal.

You will be left with 4 unprotected triangles (2 for doors).

Step 17

Slice the corners off the off-cut using a Stanley knife ensuring the 4 triangular pieces are large enough to cover the unprotected frame.





Step 18

Place the triangles over the unprotected frame ensuring a minimum 10mm overlap, and secure into place.

Step 19

You are now left with a protected reveal.

