

# Metal Door Frames

## Product overview:

Australian Architectural Fire Doors offers a diverse range of high-quality metal door frames, including both fire-rated and non-fire-rated options.

Through our state-of-the-art manufacturing facility, we produce architectural metal door frames in a wide array of sizes and specifications.

This versatility empowers us to cater to your unique project needs.

The metal door frames produced by Australian Architectural Fire Doors:

- Exhibit exceptional strength and durability.
- Are straight & square, a vital factor in achieving a compliant fire rated door set
- Are provided in welded form.
- Can be customized with specific hardware preparations to match precise requirements.
- Remain unaffected by pests like vermin or borers.
- Possess fire and weather resistance.
- Come primed to offer protection for the frame
- Can attain specific acoustic (RW) ratings.
- Can come with lead lining for radiation and laser shielding

We can promptly fulfil customer orders and manufacture frames in any size and profile.



## Components:

- Standard Strike prep
- 3 Screw Fixed Hinge Preps
- Fixing method

## Material Specifications:

- Available in Zinc anneal Coating Class ZF100
- Galvabond Coating Class ZF275
- Stainless steel in 304 and 316
- (2B Brushed or #4 Polished finish)
- Material thickness 1.2 and 1.6



## Dimensions:

**Standard Heights:** non-rated frames 2065 / Fire rated frames 2055

**Standard Widths Singles:** 624 / 724 / 774 / 824 / 874 / 924

**Standard Widths Doubles:** 1246 / 1446 / 1646

**Lock Prep:** Striker preparation at standard height - 1032 & 1042mm

## Packaging:

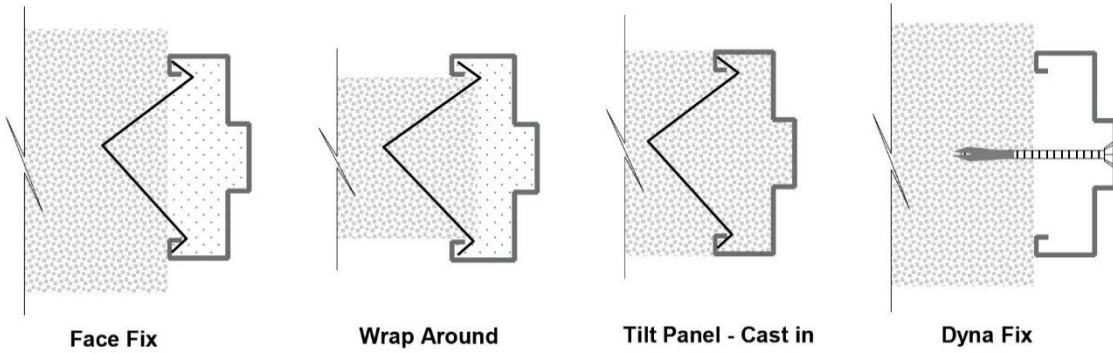
### Packing:

Individually wrapped and strapped onto timber skids, for ease of transport

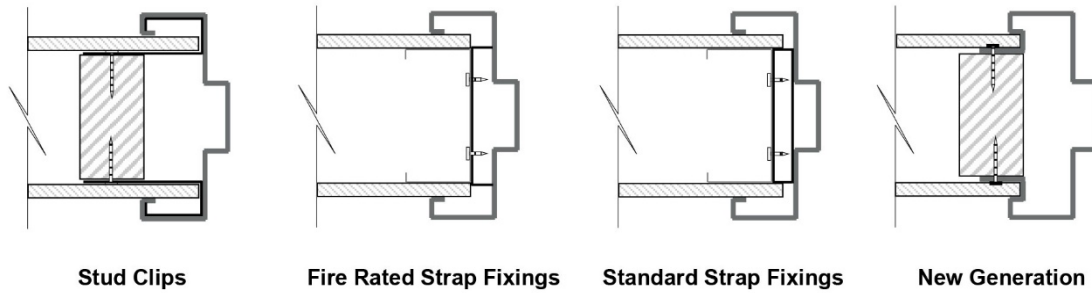
### Labeling:

Individually Numbered or labelled upon request.

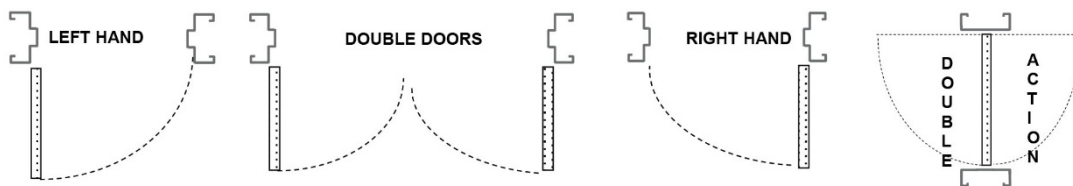
Popular fixing methods for masonry/concrete walls:



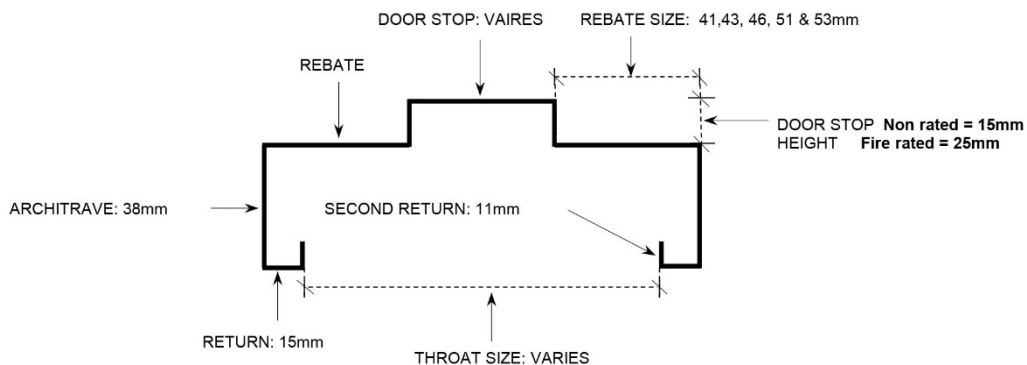
Popular fixing methods for stud walls:



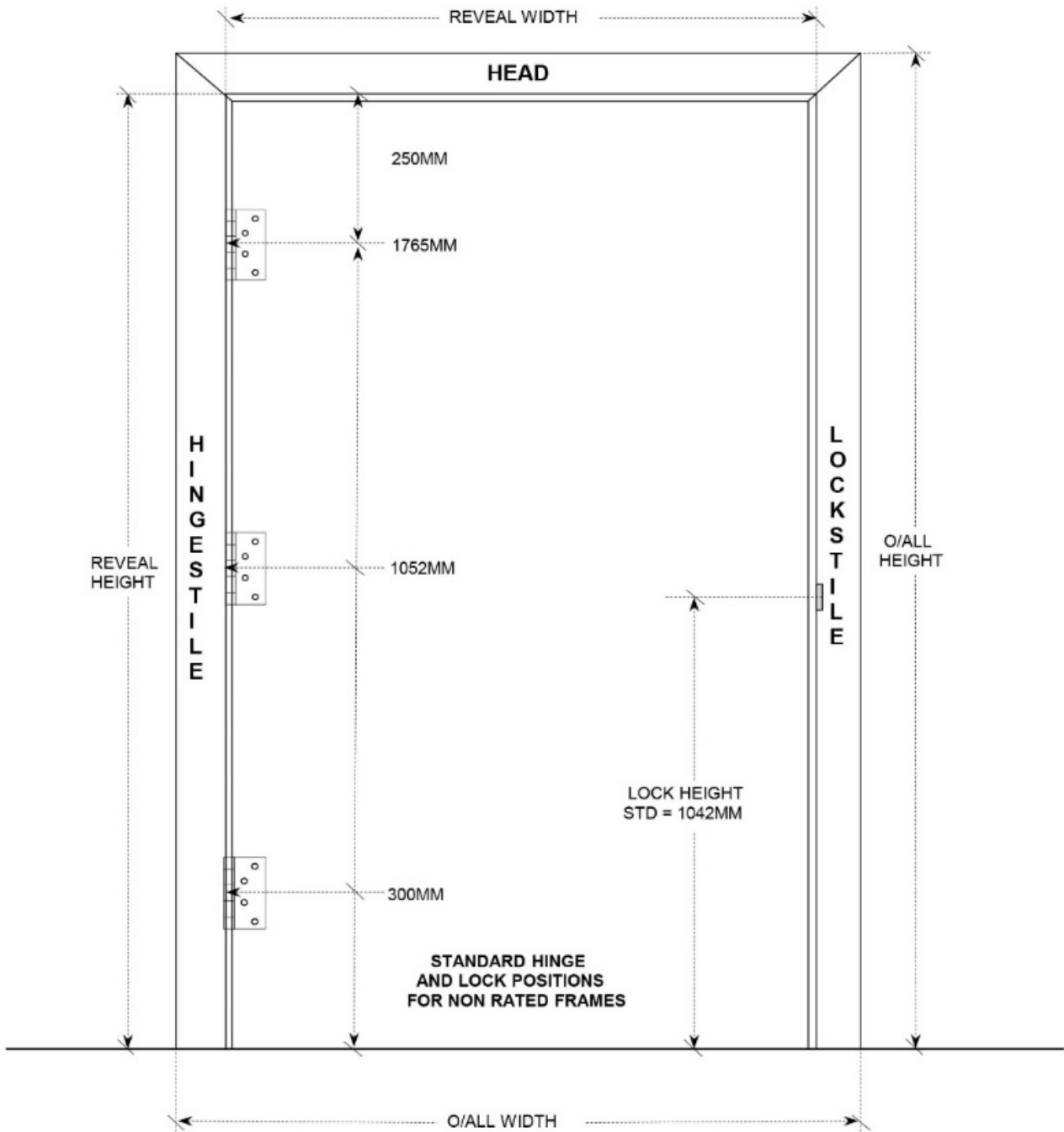
Frame handings:



Frame Terminology:

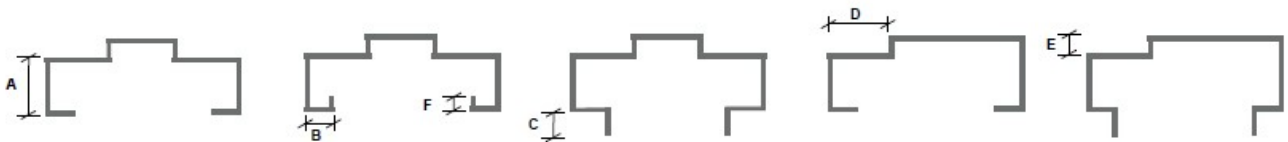


Frame terminology:



## Project Profile Frames:

Australian Architectural Fire Doors can produce non-standard/custom frames to meet your project requirements. Our tested solutions adhere to Australian Standards.



### Allowable variances:

A=38mm, B=13-40mm, C=15-40mm, D=41-51mm, E=16-25mm, F=11mm

If dimensions are outside the allowable variances please refer to our sales staff.

### Project Profile frames include:

- 3 Zinc plated hinges 100 x 75 x 2.5mm
- Hinges screw, fixed or welded to frame
- Preparation for 1 standard universal striker
- Standard lug & slot corner connection where possible
- Frame supplied in knockdown form



## Frame Extras:

- **Hinge Provisions**  
Standard, Security hinge bolts, Concealed SOSS hinge, Head pivot, Reinforcement for bommer hinges
- **Lock & Striker Provisions**  
Standard, non-standard & electric striker preparation & striker plate
- **Frame Fixings**  
Stud clips, dyna bolts, tube fixings, strap fixings, wire tires
- **Door Closer Provisions**  
Reinforcing, Double Action, Concealed closers
- **Hinges- Supplied Loose**  
Zinc plated & stainless steel  
Standard Butt Hinges  
Ball Bearing  
180 degree swing  
Anti-ligature hinge preparation  
SOSS and other concealed hinges  
Security Bolts
- **Screws- Supplied Loose**
- **Backfilling for fire and sound**



### Factory Backfilled Frames

Bolstering fire resistance, factory backfilling of fire-rated metal door frames is a process which entails filling gaps around the frame with specialized fire-resistant materials, such as intumescent compounds.

Backfilling metal frames ensures a tight seal, preventing fire spread, and reinforces the frame's structural integrity, safeguarding occupants and property. It is also an effective method used in acoustic doorsets to reduce the spread of vibration and sound between spaces.



### Miscellaneous items:

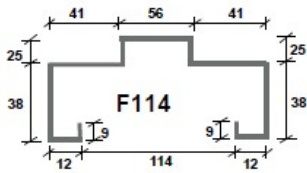
- Reinforce for bomber hinges/ PVC Doors
- Security hinge bolts
- Removable mullion or transom
- Raking Frames
- Extended stop for sliding doors
- Non-standard reveal widths
- Cut down knockdown stiles
- Split Frames
- Cover back of frames (infill plate)
- Hardware service sections
- Reed switch provisions plus mortar box
- 25-50mm stop to head of frames, for lift off hinges
- Fill in back of frame with plasterboard
- Stick on rubber buffers
- Striker & hinge service sections

### Manufacturing Quality:

ISO 9001 Certified Quality Management Systems  
 ISO 45001 Certified Safety Management Systems  
 ISO 14001 Certified Environmental Management Systems  
 ISO 26000 Certified Corporate Responsible Business

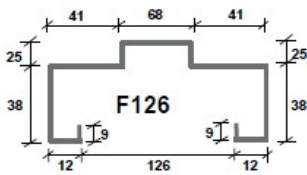


Fire rated frames



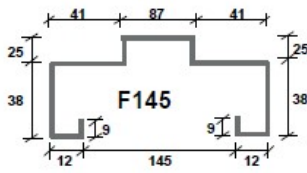
**F114**

Singles: 2055 x 624 / 724 / 774 / 824 / 874 / 924  
To suit 37mm thick fire doors  
Non standard reveal widths available



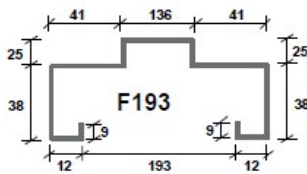
**F126\*- Available with 3 screw fix hinges only**

Singles: 2055 x 624 / 724 / 774 / 824 / 874 / 924  
To suit 37mm thick fire doors  
Non standard reveal widths available



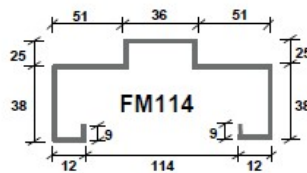
**F145**

Singles: 2055 x 624 / 724 / 774 / 824 / 874 / 924  
To suit 37mm thick fire doors  
Non standard reveal widths available



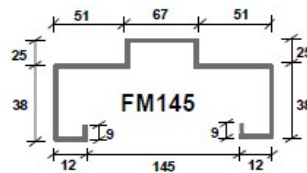
**F193**

Singles: 2055 x 624 / 724 / 774 / 824 / 874 / 924  
To suit 37mm thick fire doors  
Non standard reveal widths available



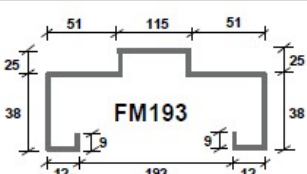
**FM114\*- Available with 3 screw fix hinges only**

Singles: 2055 x 624 / 724 / 774 / 824 / 874 / 924  
Doubles: 2055 x 1246 / 1446 / 1646  
To suit 47mm thick fire doors  
Non standard reveal widths available



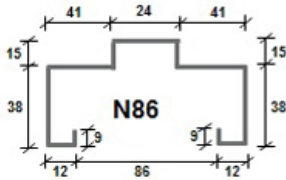
**FM145\*- Available with 3 screw fix hinges only**

Singles: 2055 x 624 / 724 / 774 / 824 / 874 / 924  
Doubles: 2055 x 1246 / 1446 / 1646  
To suit 47mm thick fire doors  
Non standard reveal widths available



**FM193\*- Available with 3 screw fix hinges only**

Singles: 2055 x 624 / 724 / 774 / 824 / 874 / 924  
Doubles: 2055 x 1246 / 1446 / 1646  
To suit 47mm thick fire doors  
Non standard reveal widths available

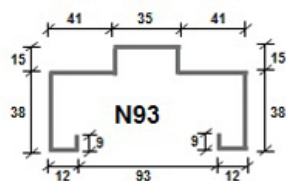
**Non-rated Frames:**

**N86**

Singles: 2065 x 624 / 724 / 774 / 824 / 874 / 924

Doubles: 2065 x 1246 / 1446 / 1646

Non standard reveal widths available

Non standard height & widths available

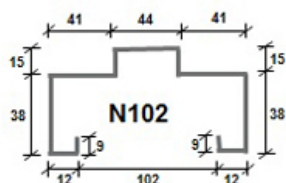

**N93**

Singles: 2065 x 624 / 724 / 774 / 824 / 874 / 924

Doubles: 2065 x 1246 / 1446 / 1646

Non standard reveal widths available

Non standard height & widths available

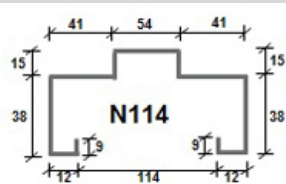

**N102**

Singles: 2065 x 624 / 724 / 774 / 824 / 874 / 924

Doubles: 2065 x 1246 / 1446 / 1646

Non standard reveal widths available

Non standard height & widths available

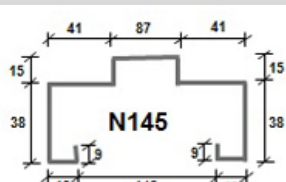

**N114**

Singles: 2065 x 624 / 724 / 774 / 824 / 874 / 924

Doubles: 2065 x 1246 / 1446 / 1646

Non standard reveal widths available

Non standard height & widths available

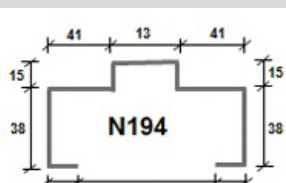

**N145**

Singles: 2065 x 624 / 724 / 774 / 824 / 874 / 924

Doubles: 2065 x 1246 / 1446 / 1646

Non standard reveal widths available

Non standard height & widths available

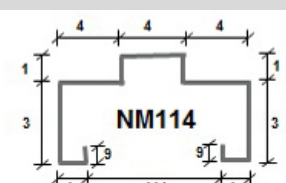

**N194**

Singles: 2065 x 624 / 724 / 774 / 824 / 874 / 924

Doubles: 2065 x 1246 / 1446 / 1646

Non standard reveal widths available

Non standard height & widths available


**NM114\* - Available with 3 screw fix hinges only**

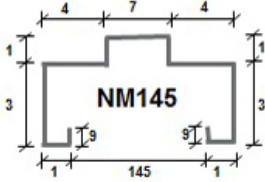
Singles: 2065 x 624 / 724 / 774 / 824 / 874 / 924

Doubles: 2065 x 1246 / 1446 / 1646

Non standard reveal widths available

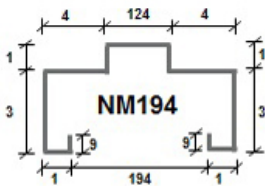
Non standard height & widths available

**Non-rated Frames:**



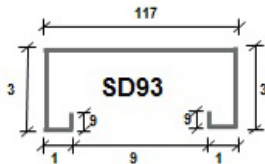
**NM145\*- Available with 3 screw fix hinges only**

Singles: 2055 x 624 / 724 / 774 / 824 / 874 / 924  
 Doubles: 2065 x 1246 / 1446 / 1646  
 Non standard reveal widths available  
 Non standard height & widths available



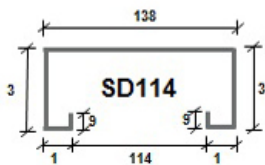
**NM194\*- Available with 3 screw fix hinges only**

Singles: 2055 x 624 / 724 / 774 / 824 / 874 / 924  
 Doubles: 2065 x 1246 / 1446 / 1646  
 Non standard reveal widths available  
 Non standard height & widths available



**SD93**

Singles: 2055 x 690 / 740 / 790  
 Singles: 2055 x 840 / 890 / 990  
 Non standard reveal widths available  
 Non standard height & widths available



**SD114**

Singles: 2055 x 690 / 740 / 790  
 Singles: 2055 x 840 / 890 / 990  
 Non standard reveal widths available  
 Non standard height & widths available