

Metal Door Frames

Product overview:

Inglis Fire & Safety offer a diverse range of high-quality metal door frames, including both fire-rated and non-fire-rated options.

Through a state-of-the-art manufacturing facility, we provide 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:

- Exhibit exceptional strength and durability.
- Are straight & square (a vital factor in achieving a compliant fire rated door set)
- Can be provided in either welded or knockdown (flat pack) forms.
- 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:

1. Standard Strike prep
2. 3 Screw Fixed Hinge Preps
3. Fixing method

Material Specifications:

4. Available in Zinc anneal Coating Class ZF100
5. Galvabond Coating Class ZF275
6. Stainless steel in 304 and 316
7. (2B Brushed or #4 Polished finish)
8. 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:

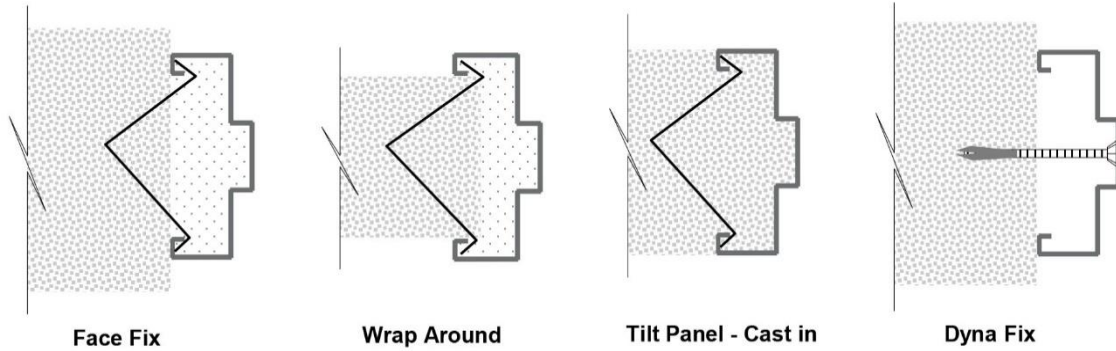
Individually wrapped and strapped onto timber skids, for ease of transport

Labeling:

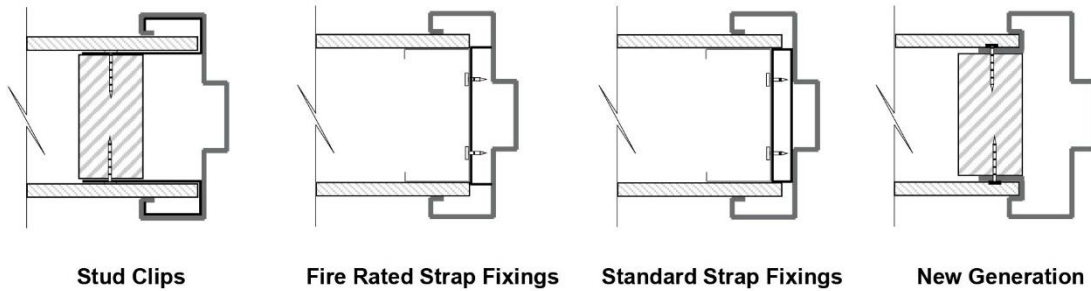
Individually Numbered or labelled upon request.



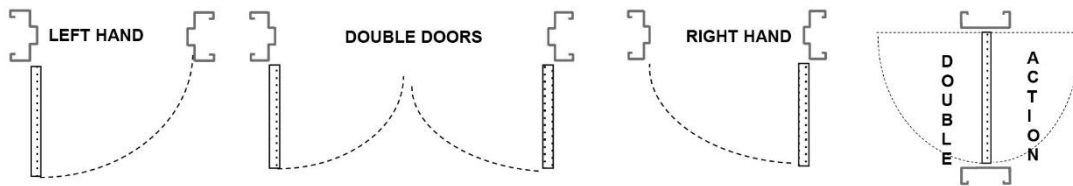
Popular fixing methods for masonry/concrete walls:



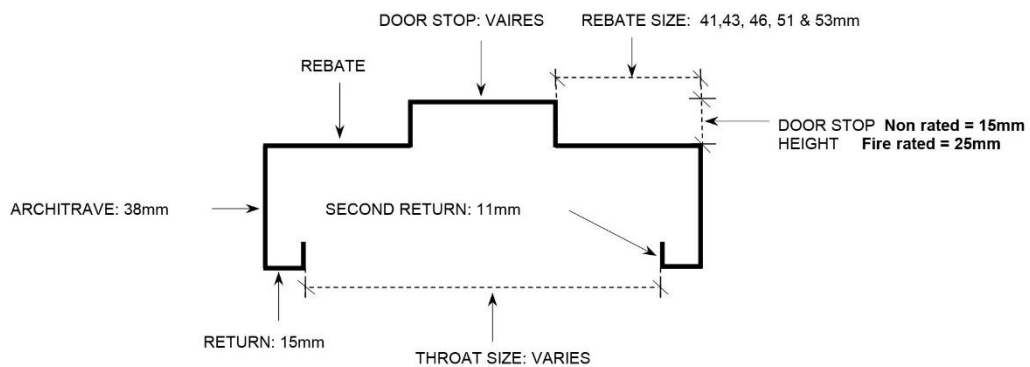
Popular fixing methods for stud walls:



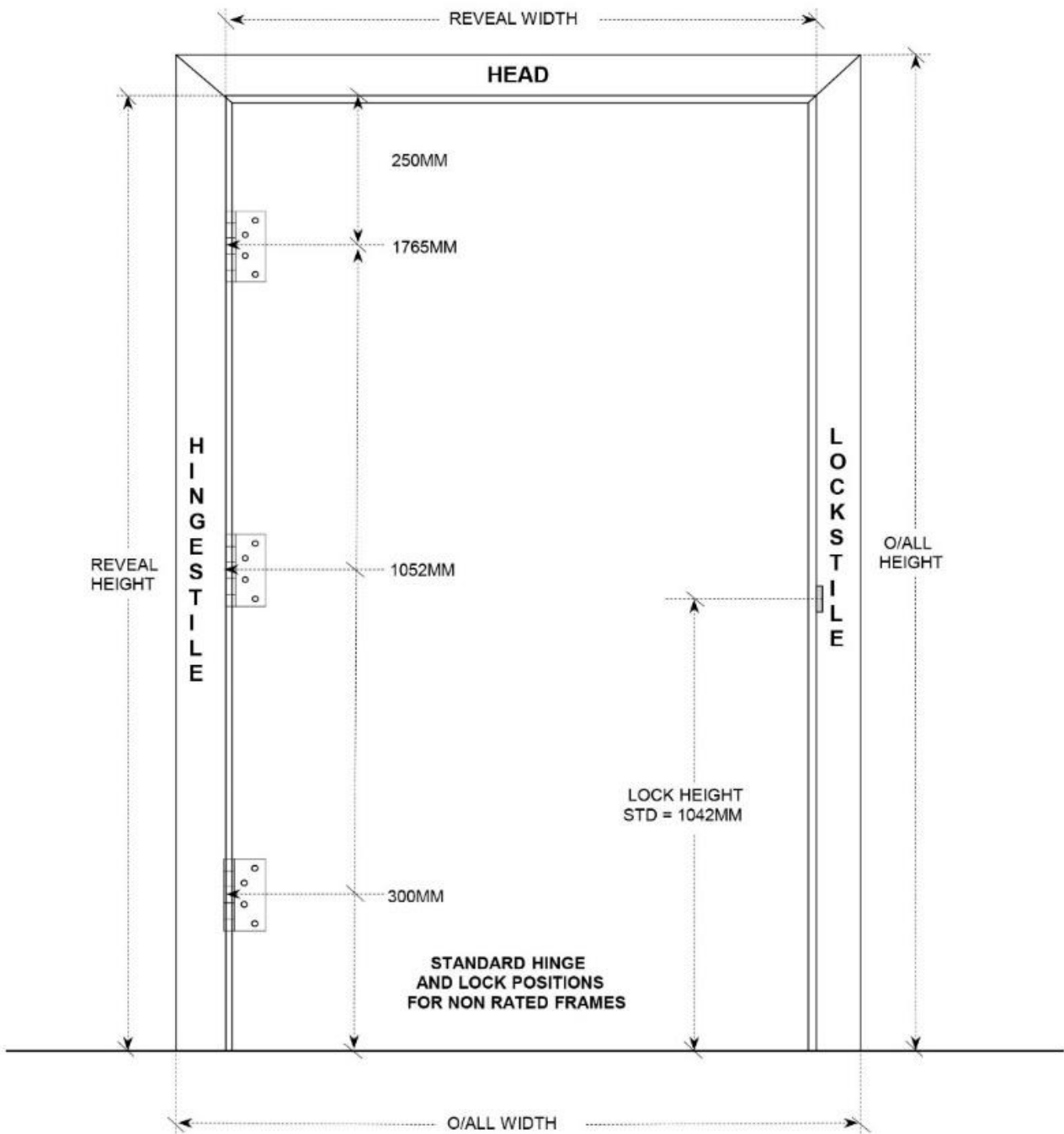
Frame handings:



Frame Terminology:

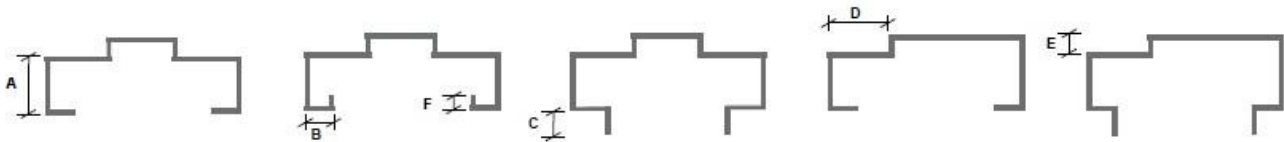


Frame terminology:



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
1. Standard lug & slot corner connection where possible
 2. Frame supplied in knockdown form



Frame Extras:

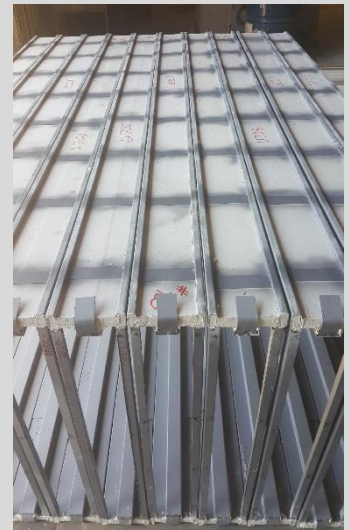
9. **Hinge Provisions**
Standard, Security hinge bolts, Concealed SOSS hinge,
Head pivot, Reinforcement for bommer hinges
10. **Lock & Striker Provisions**
Standard, non-standard & electric striker preparation & striker plate
11. **Frame Fixings**
Stud clips, dyna bolts, tube fixings, strap fixings, wire tires
12. **Door Closer Provisions**
Reinforcing, Double Action, Concealed closers
13. **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
14. **Screws- Supplied Loose**
15. **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:

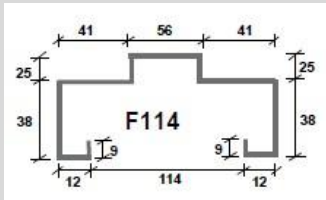
- | | |
|---|---|
| 3. Reinforce for bomber hinges/ PVC Doors | 11. Cover back of frames (infill plate) |
| 4. Security hinge blots | 12. Hardware service sections |
| 5. Removable mullion or transom | 13. Reed switch provisions plus mortar box |
| 6. Raking Frames | 14. 25-50mm stop to head of frames, for lift off hinges |
| 7. Extended stop for sliding doors | 15. Fill in back of frame with plasterboard |
| 8. Non-standard reveal widths | 16. Stick on rubber buffers |
| 9. Cut down knockdown stiles | 17. Striker & hinge service sections |
| 10. Split Frames | |

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

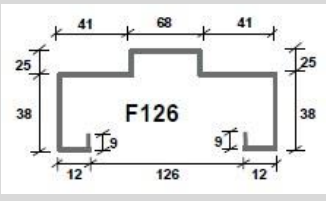


Fire rated frames



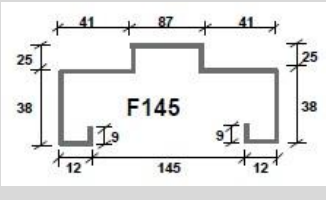
F114

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



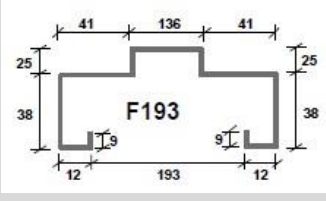
F126*- Available with 3 screw fix hinges only

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



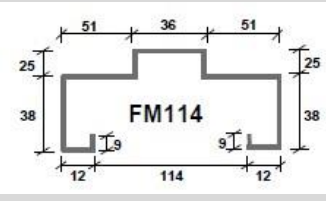
F145

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



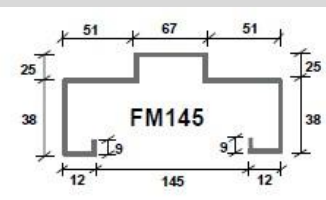
F193

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



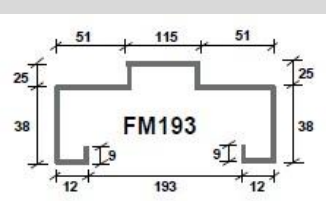
FM114*- Available with 3 screw fix hinges only

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

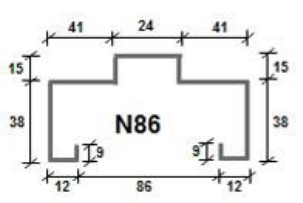
Singles: 2055 x 624 / 724 / 774 / 824 / 874 / 924
 Doubles: 2055 x 1246 / 1446 / 1646
 To suit 47mm thick fire doors
 Non standard reveal widths available



FM193*- Available with 3 screw fix hinges only

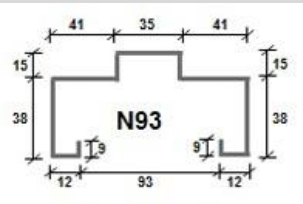
Singles: 2055 x 624 / 724 / 774 / 824 / 874 / 924
 Doubles: 2055 x 1246 / 1446 / 1646
 To suit 47mm thick fire doors
 Non standard reveal widths available

Non-rated Frames:



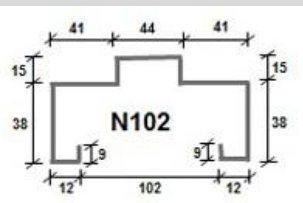
N86

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



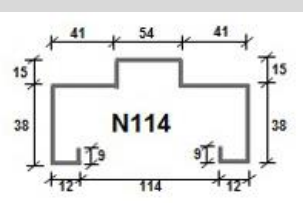
N93

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



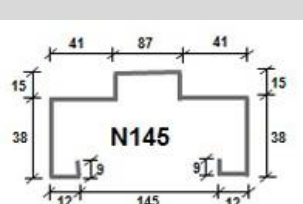
N102

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



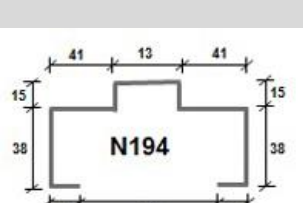
N114

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



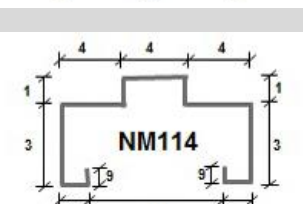
N145

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

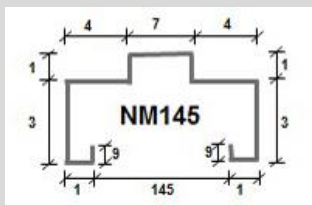
Singles: 2065 x 624 / 724 / 774 / 824 / 874 / 924
 Doubles: 2065 x 1246 / 1446 / 1646
 Non standard reveal widths available
 Non standard height & widths available



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:



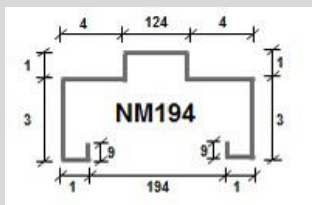
NM145*- Available with 3 screw fix hinges only

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



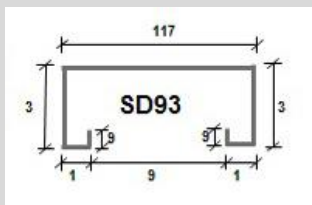
NM194*- Available with 3 screw fix hinges only

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



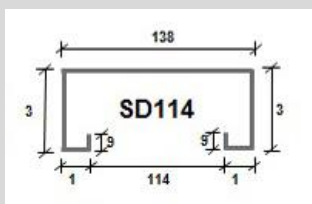
SD93

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