

Data sheet



E-30-H: Exterior 30 minute FRR hung door, single or pair

Our most popular 30 minute FRR hinged exterior fire, smoke and acoustic door set, the E-30-H is available in singles or pairs. The door leaf is a solid laminated veneer lumber (LVL) core faced with marine grade plywood (P-CORE). The standard door set is supplied sealer coated on all six sides or you can specify a facing and/or kickplate.

- Leaf sizes up to 2420 high x 1220 wide per leaf
- Thickness 44 mm
- Weight 20 kg /m²
- Acoustic singles and doubles STC 33

FACING OPTIONS

- Paint quality factory sealed
- 1 mm stainless steel kickplate to 1000 mm – inside only

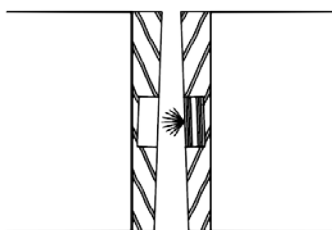
LEAF EDGE DETAILS

- 7mm hardwood clashing hinge edge
- 7mm hardwood clashing to leading edge (flush pairs & singles)
- 18mm hardwood clashing to leading edge of rebated pairs

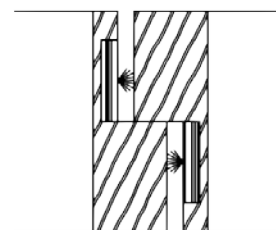
PAIR MEETING STYLES

Timber (the standard option)

Flush



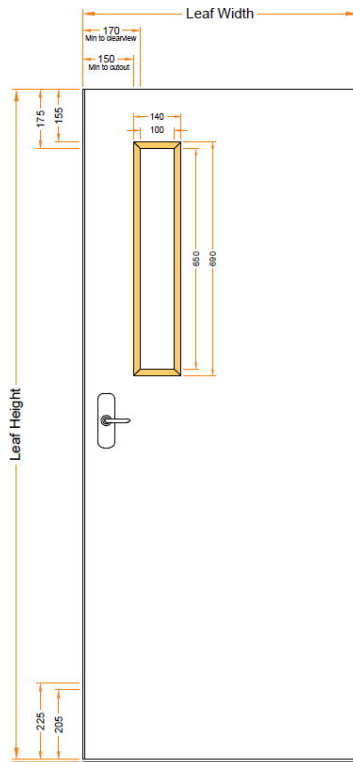
Rebated



GLAZING OPTIONS

Pyro 19 mm fire glass is used for all options. In addition to the standard options shown below, we offer bespoke designs that are available on request from our sales team. In exterior applications Pyro 15 is replaced with Pyro 18 as an extra layer of UV shielding is added to one side, size limitations remain the same. For this reason the exterior face of the door needs to be noted when detailing.

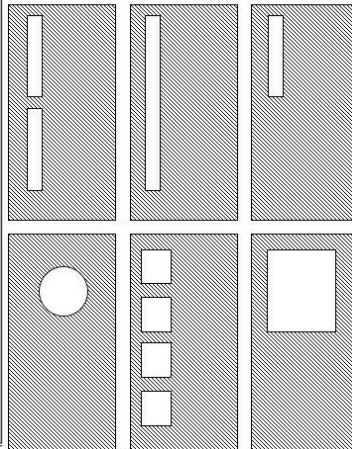
Placement dimensions



Glass Types & size limitations

| APPROVED GLASS & CLEARVIEW SIZES EXTERIOR (P-Core) | | | | |
|--|---------|------------|-----------|----------------------|
| Rating | Glass | Max Height | Max Width | Max Area |
| NFR | 10.38 | 2250 | 860 | 1.935 m ² |
| -/30/30 | Pyro 18 | - | - | 1.08 m ² |
| -/60/30 | Pyro 19 | 1830 | 610 | 0.50 m ² |
| -/60/60 | Pyro 27 | 1700 | 300 | 0.50 m ² |

Some possible design idea's

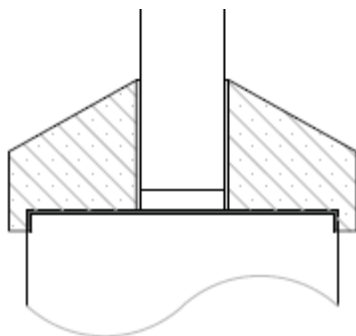


GLAZING BEAD OPTIONS

Bevel (standard)

- No aluminium cap option

Bevel Bead with Lip

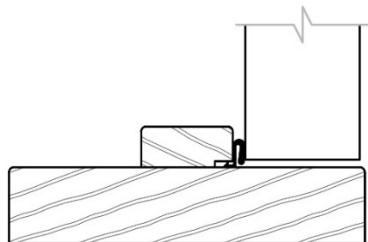


JAMB TYPES AND PROFILES

30 -32mm hardwood timber (types 1, 2 & 3), width 81-350mm, planted stops (30 x 12), full width available at extra cost (other timber options available by request)
 or 1.6 mm galv steel (types 5, 6, 7 & Speedwall), paint quality or powdercoat options available

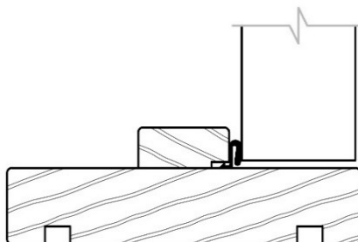
T1 – Timber

Timber flat for architrave



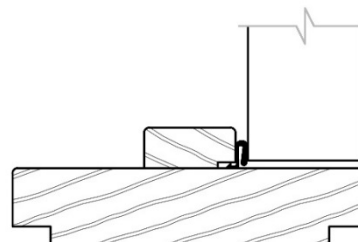
T2 – Timber

Groove for wall lining to suit (12mm reveals)



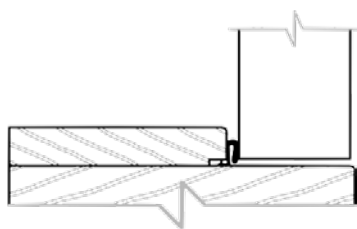
T3 – Timber

Rebate for wall lining to suit (non-standard surcharge may apply)



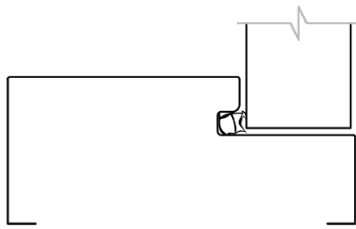
Timber- full width planted stop

Available for all timber profiles (non-standard surcharge applies)



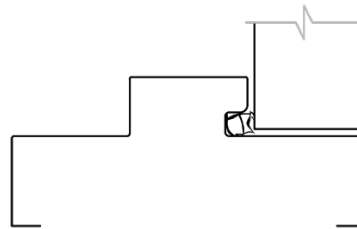
T5 – Steel

Steel width 106 – 350mm



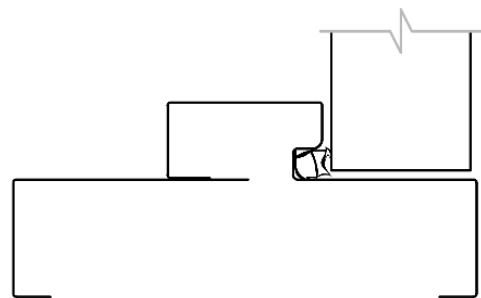
T6 - Steel

Steel width 141 – 203mm



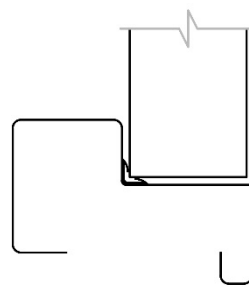
T7 – two piece split steel

Ideal for retrofit situations. No additional charge. Min 104 mm if masonry wall, Min 112 mm if stud wall – no max.



Steel Speedwall

Requires Speedwall C track (80mm end cap)



SIDELIGHTS AND OVERLIGHTS

Not available for exterior door sets

APPROVED HARDWARE

The minimum requirement is for a fire door to be self-closing and self-latching. Hardware must be selected from NZ Fire Doors' Approved Hardware list from the column '30 min'. Fitting any hardware that inhibits self-closing or self-latching is not approved by NZS 4520

IMPORTANT: Fitting untested or inappropriate hardware may affect the performance of the door and will void the warranty.