

# Data sheet



## E-60-H: Exterior 60 minute FRR hinged doorset, single or pair

Our most popular 60 minute FRR hinged exterior fire, smoke and acoustic door set, the E-60-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 both faces or you can specify a facing and/or kickplate.

- Leaf sizes up to 2440 high x 1220 wide per leaf
- Thickness 54 mm
- Weight 24 kg /m<sup>2</sup>
- Acoustic singles and doubles STC 34

### FACING OPTIONS

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

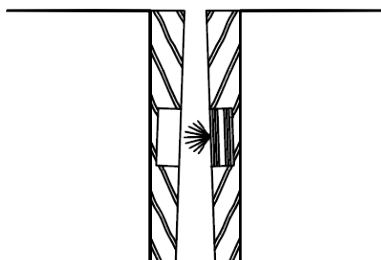
### LEAF EDGE DETAILS

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

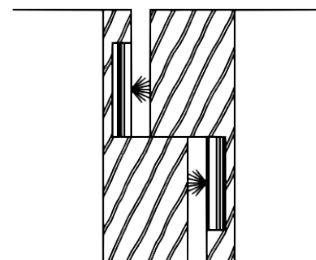
### PAIR MEETING STYLES

#### Timber (the standard option)

##### Flush



##### Rebated

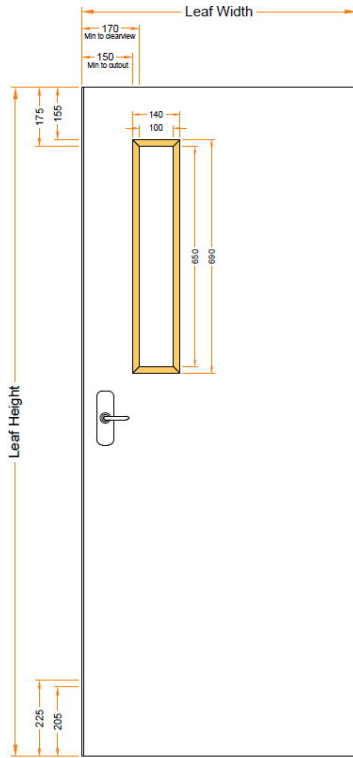


## GLAZING OPTIONS

Pyro 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 and Pyro 23 is replaced with Pyro 27 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.

Section 4.16.1 of NZ Building Code Acceptable Solutions defines the maximum integrity ratings for openings in fire and smoke separations as -/60/30 across all seven Purpose Groups. For large area vision panels in doors, and for overlights and sidelights, specifying the glass at -/60/30 will reduce the weight and cost of your door or door and sidelight unit. Call our Sales Team for more information on (09) 579-8895

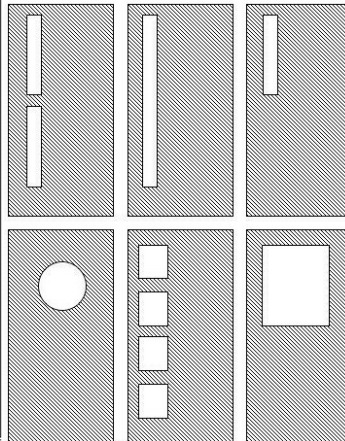
### Placement Dimensions



### Glass type & 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 <sup>2</sup>
-/30/30	Pyro 18	-	-	1.08 m <sup>2</sup>
-/60/30	Pyro 19	1830	610	0.50 m <sup>2</sup>
-/60/60	Pyro 27	1700	300	0.50 m <sup>2</sup>

### Some possible design idea's

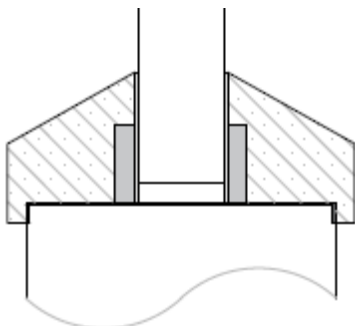


## GLAZING BEAD OPTIONS

### Bevel

- No aluminium cap option

### Bevel Bead with Lip

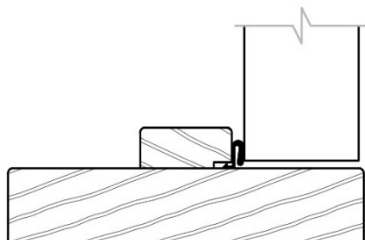


## JAMB TYPES AND PROFILES

32 mm hardwood timber (types 1, 2 & 3)  
or 1.6 mm electrogalv steel (types 5, 6, 7 & Speedwall), paint quality or powdercoat options available

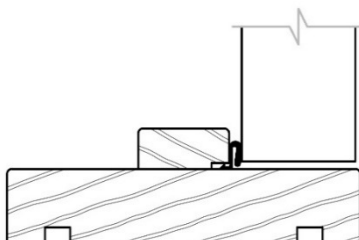
### T1 – Timber

*Timber flat for architrave*



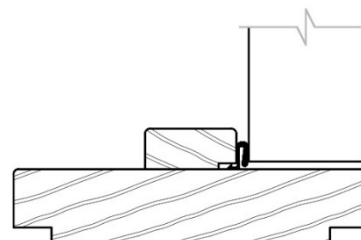
### T2 – Timber

*Groove for wall lining to suit  
(12mm reveals)*



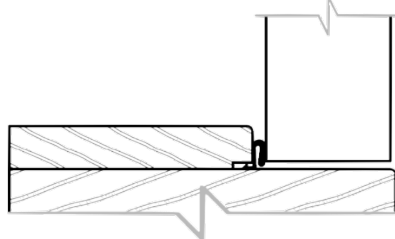
### T3 – Timber

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



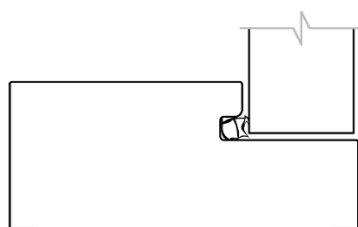
### Timber – Full width planted stop

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



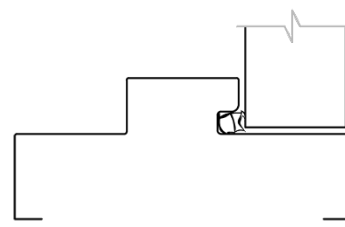
### T5 - Steel

*Steel width 117 – 350mm*



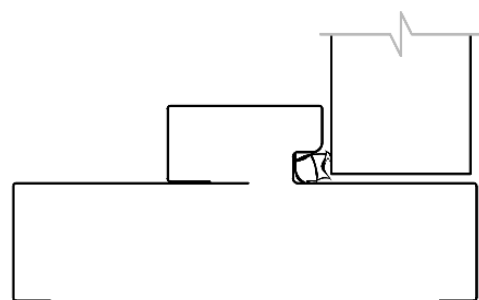
### T6 - Steel

*Steel width 152 – 214mm*



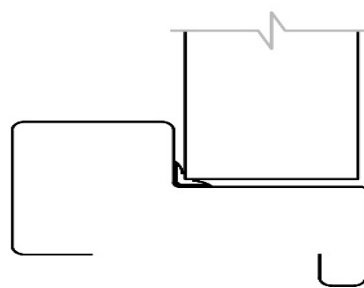
### T7 – two piece split steel

*Ideal for retrofit situations. No additional charge. Min  
104mm if masonry wall, Min 112mm 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 '60 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.