

Code:

HHD60DAD

Product:

Hallmark Hospital 60 Min Fire Rated Double Action Double Door

Fire Resistance Rating (FRR):

-/60/30sm

Leaf Size & Wall Types

WALL TYPE	JAMB TYPE	LEAF HEIGHT Max (mm)	LEAF WIDTH Max (mm)
Timber or Steel Stud with Plasterboard Linings	Steel	2700	1200
Masonry	Steel	2700	1200
Speedwall	Steel	N/A	N/A
Korok	Steel	N/A	N/A
CLT	Steel	N/A	N/A

- Sizes above are maximum depending on height and width ratio

- Europa Double Action doors must have steel jambs only

LEAF THICKNESS

48mm as standard

CORE

E-Core® solid vermiculite mineral core

ACOUSTIC RATING

There is no acoustic test evidence for doors of this function however an acoustic seal is fitted around three sides but it isn't possible to use drop seals to buffer sound beneath the door or fully seal around the pivot points.

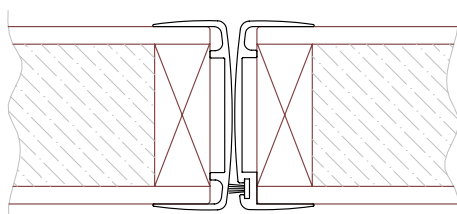
Leaf Facing options

MDF | Hardboard* | Plywood* | Timber Veneers | Electrogalvanised Steel** | HPL

** Suitable for sheltered exterior applications where there is no direct exposure to nature's elements (i.e. direct sun or rain)*
*** Suitable for sheltered and full exterior applications – where there is direct sunlight, door finishes must have an LVR of 50% or more.*

Leaf Edge options

The below leaf edge options are available for this doorset.



Aluminium Bullnose (DE5)

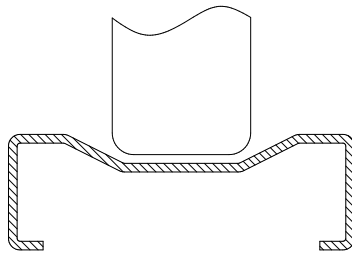
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Door Frame/Jamb options - Timber

Timber frames are not an option for this doorset.

Door Frame/Jamb Options - Steel

The below steel frame options are available for this doorset.



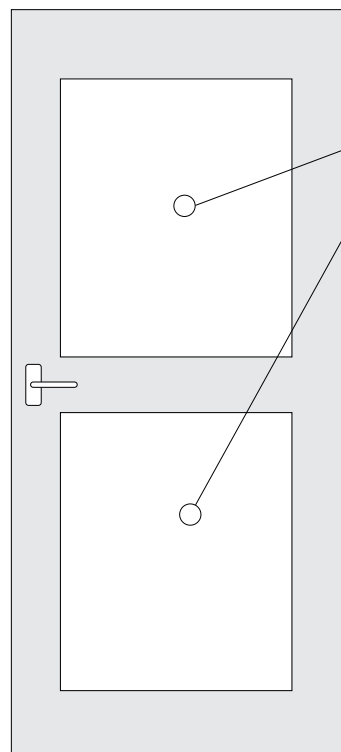
STT1-DA

Vision Panels

- Vision panels must be a minimum of 200mm from the top/bottom of leaf to start of vision panel, and 150mm in from the sides of the leaf to start of vision panel.
- Available as square, rectangle, or circle in multiple options as long as the total glazing area doesn't exceed the parameters stated below.
- Overlights are available up to 600mm high
- Sidelights are available up to 600mm wide
- Combination of both sidelight and overlight is achievable (subject to parameters being met).

Minimum of 150mm in from the sides
of the leaf to start of vision panel

150 | 150



200
Minimum of 200mm from the top of leaf to
start of vision panel

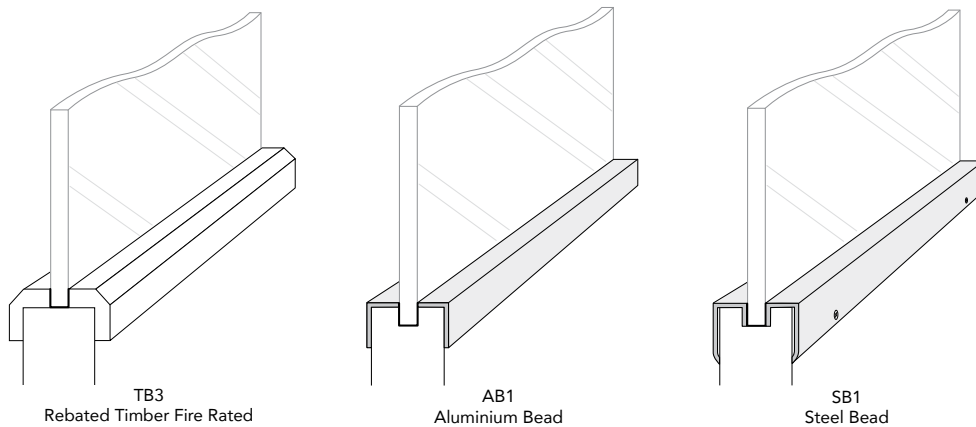
Total maximum glazed areas for one or more vision panels:

Europa 60min Fire Doors Glazing	
Robax (up to 0.4m ² glazed area)	FRR-/60/-sm
Robax (up to 0.065m ² glazed area)	FRR-/60/30sm
Pyrobel 17 (up to 0.4m ² glazed area)	FRR-/60/30sm
Pyrobel 25 (up to 0.4m ² glazed area)	FRR-/60/30sm

150
Minimum of 150mm between vision panels
if two or more are required on one leaf

200
Minimum of 200mm from the bottom of
leaf to start of vision panel

BEADING OPTIONS

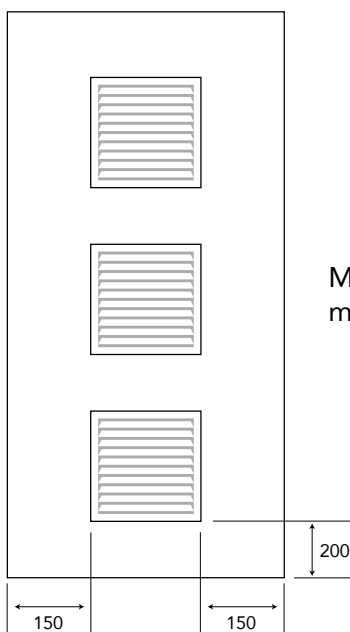


SIDE LIGHTS & OVERPANELS

A range of transom and flush overpanels are available together with sidelights. Contact our technical staff for details.

- Overlights are available up to 600mm high
- Sidelights are available up to 600mm wide
- Combination of both sidelight and overlight is achievable (subject to parameters being met)
- All glazing on sidelights and overlights is in addition to the maximum glazed areas permissible for vision panels to fire door leaves

Ventilation Grilles



Maximum of 3 grilles per door leaf,
minimum 100mm between grilles

Minimum of 200mm
from edge of leaf to grille

Minimum of 150mm
from edge of leaf to grille

Lorient LVH intumescent grilles are available in sizes:

- 300 x 300mm
- 450 x 450mm
- 600 x 300mm

Note:

- Ventilation grilles are not suitable for exposed exterior doors
- Doorsets with ventilation grilles cannot be certified as smoke control doorsets
- Drop shutter grilles are not an option on this doorset

Technical Compliance

This door complies with NZS4520 if installed as instructed in the Hallmark Group installation instructions for this product, into a compliant fire-resistant wall and when approved hardware is used.

NZS4520 is referenced in the New Zealand Building Code Acceptable Solutions (Appendix C 6.1.1)

This door has been assessed by a certified testing facility in accordance with AS1530.4, as referenced in NZS 4520.

All glazing, if used in this door, also complies with NZS4223.3:2016, which is a human impact safety standard.

This door uses eZero MDF and non-toxic PVA bonding agent.

Our door experts are happy to assist with any queries, so please feel free to phone: 03 313 4754 (or 0800 846 237) or email sales@hallmarkgroup.co.nz