

Code:

HHD60HD

Product:

**Hallmark Hospital 60 Min Fire Rated
Hinged Double Door**

Fire Resistance Rating (FRR):

-/60/30sm**Leaf Size options**

WALL TYPE	JAMB TYPE	LEAF HEIGHT Max (mm)	LEAF WIDTH Max (mm)
Timber or Steel Stud with Plasterboard Linings	Timber	2700	1200
Timber or Steel Stud with Plasterboard Linings	Steel	3000	1500
Masonry	Timber	2700	1200
Masonry	Steel	3500	1500
Speedwall	Steel	3000	1200
Korok	Steel	2400	1200
CLT	Timber	2700	1200
CLT	Steel	2700	1200

Sizes above are maximum depending on height and width ratio

LEAF THICKNESS

48mm as standard

COREE-Core[®] solid vermiculite mineral core**ACOUSTIC RATING**

Acoustic rating up to STC 40 is possible with this doorset with the appropriate inlays and seals.

Leaf Facing options

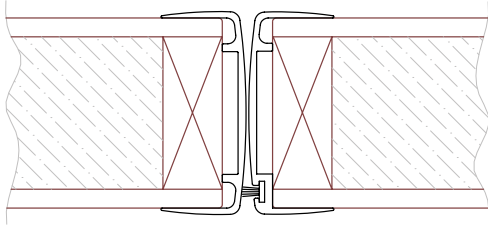
MDF | Hardboard* | Plywood* | Timber Veneers | Electrogalvanised Steel** | HPL

* Suitable for sheltered exterior applications where there is no direct exposure to nature's elements (i.e. direct sun or rain)

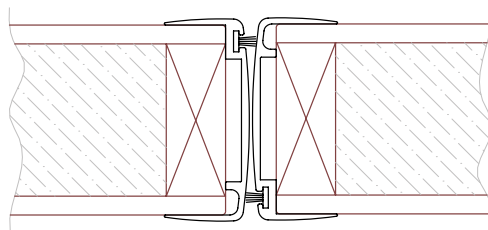
** Suitable for sheltered and full exterior applications – where there is direct sunlight, door finishes must have an LVR of 50% or more.

Leaf Edge & Meeting Stile options

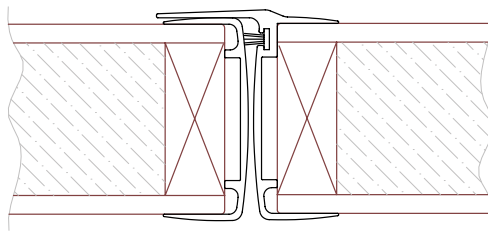
Typically hospital door leaves are aluminium clashed for robustness, however other leaf edge options are available.



Aluminium Bullnose (DE5)



Aluminium Bullnose (DE15)



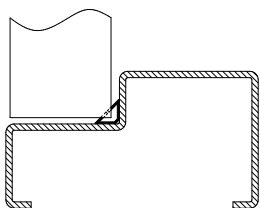
Aluminium Rebated (DE4)

Door Frame/Jamb options - Timber

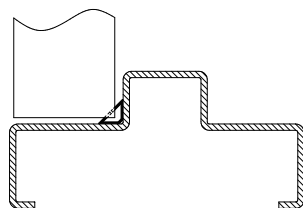
Typically hospital doors have steel frames for hygiene and practicality reasons, however timber is available as an option upon request.

Door Frame/Jamb Options - Steel

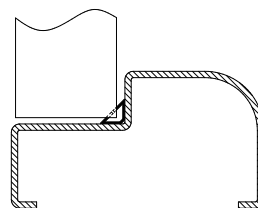
The below steel frame options are available for this doorset.



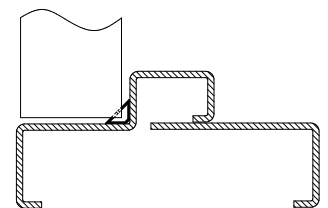
ST1-R1



STT1-R1



STLR-R1



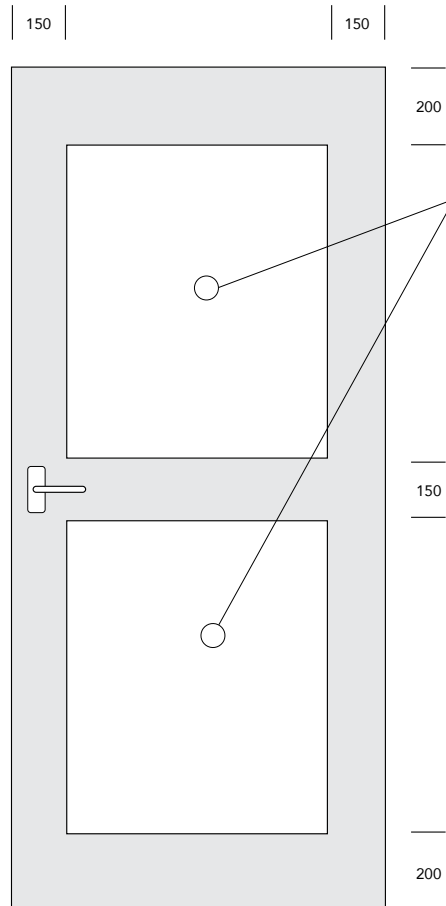
ST2P-R1

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.

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



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

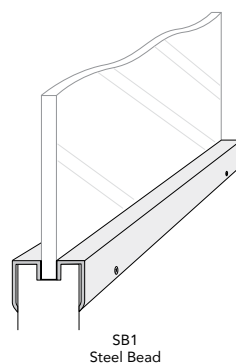
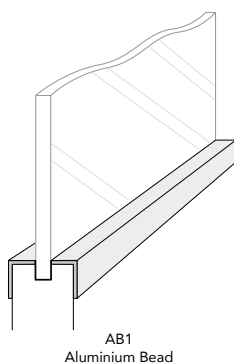
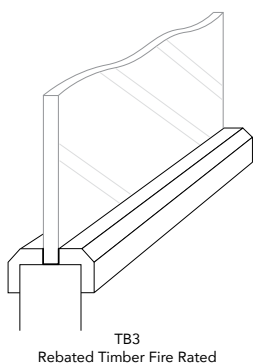
Total maximum glazed areas for one or more vision panels:

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

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

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

BEADING OPTIONS

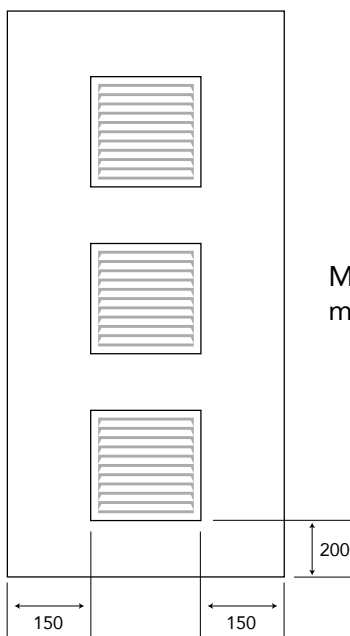


SIDE LIGHTS & OVERPANELS

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
- Overlights and sidelights are not permitted with Speedwall.
- All overlights and sidelights require steel jamb.

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.

Environmental: the Futura particleboard core is FSC certified. 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