

Code:

HHD120HS

Product:

**Hallmark Hospital 120 Min Fire Rated
Hinged Single Door**

Fire Resistance Rating (FRR):

-/120/30sm

Leaf Size options

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

Sizes above are maximum depending on height and width ratio

LEAF THICKNESS

46mm as standard

CORE

E-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

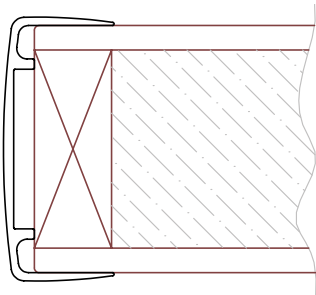
Plywood* | Timber Veneers | Electrogalvanised Steel** | HPL

* 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.



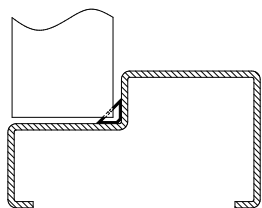
Aluminium Clashed (DE3)

Door Frame/Jamb options - Timber

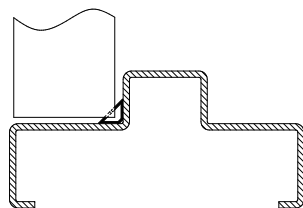
Timber frames are not an option for this doorset.

Door Frame/Jamb Options - Steel

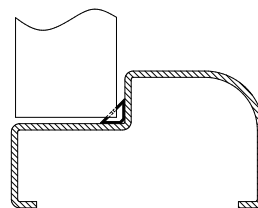
The below steel frame options are available for this doorset.



ST1-R1



STT1-R1



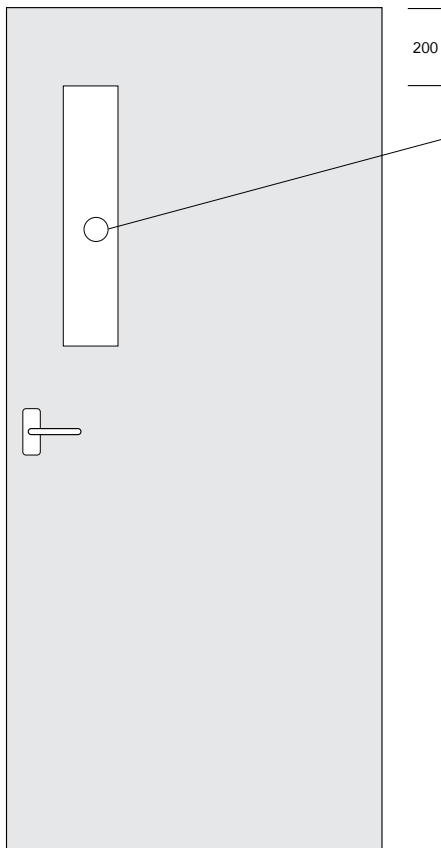
STLR-R1

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.

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

150



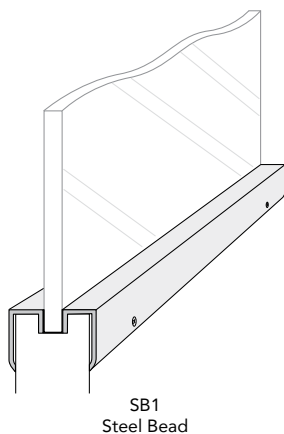
200

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

Total maximum glazed area for vision panel:

Europa 120min Fire Doors Glazing	
Robax (600mm x 100mm glazed area)	FRR-/120/30sm

BEADING OPTIONS

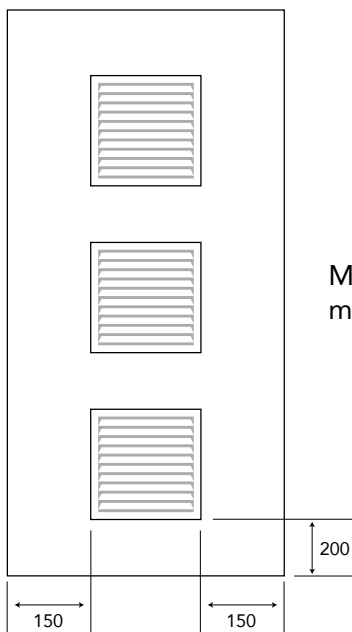


SB1
Steel Bead

SIDE LIGHTS & OVERPANELS

Side lights & overpanels are not available with this door.

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