



## 2 HOUR - LIFT MOTOR ROOM/PLANT ROOM - FLOOR HATCH



### GENERAL

The **Fyreguard LMR - Lift Motor Room Hatch** is a Heavy Duty, Purpose Built, Trafficable fire rated floor hatch designed to meet the requirements of the BCA with FRL of 120/120/120.

### USES

The **LMR** is approved for installation in concrete and steel framed floors and was purposely designed to allow for the replacement and maintenance of large machinery and equipment in commercial buildings. Examples of typical use:

- Lift Motor Rooms & Landings
- Plant Rooms
- Sub-Stations

### SPECIFICATION

**Fyreguard LMR** – Fire Rated - FRL 120/120/120 - Floor Hatch. PH. 07 5593 4955

### INSTALLATION / ARCHITECTURAL

For complete details on Installation and dimensions of hatch, refer to following pages and/or contact Fyreguard directly on **07 5593 4955**.

### FIRE TEST DATA

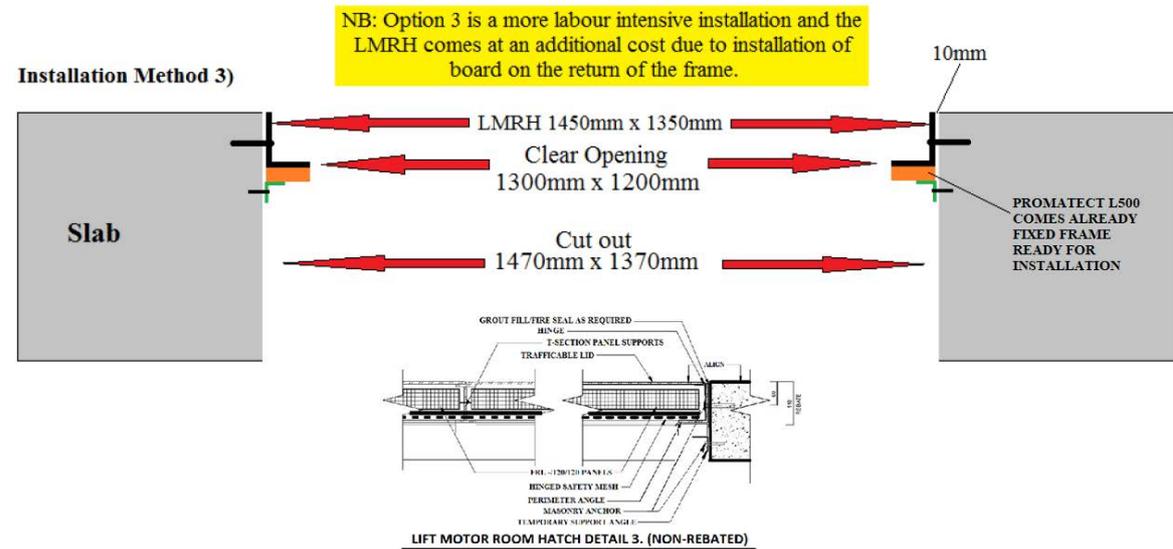
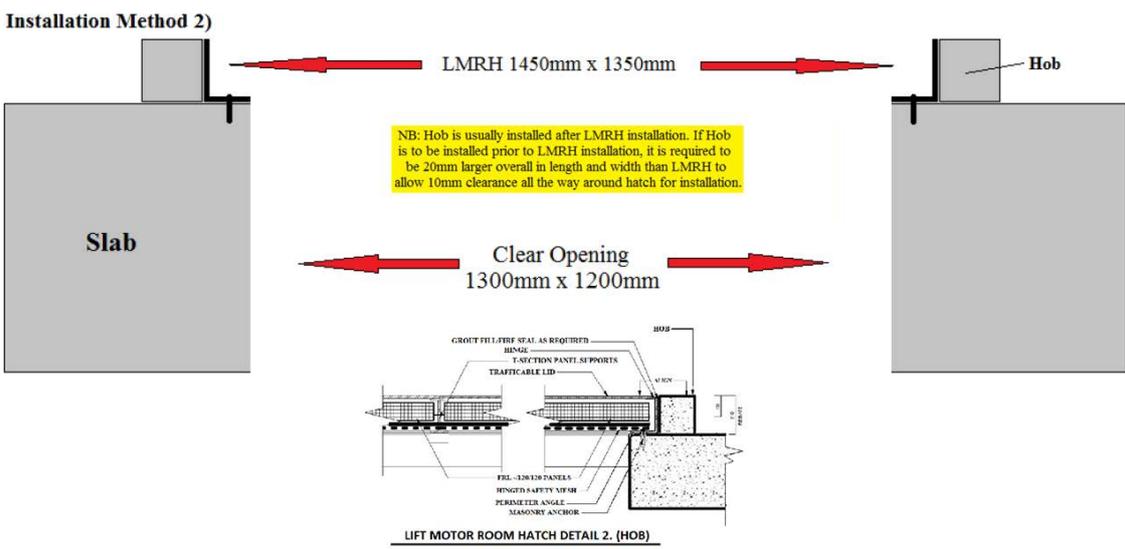
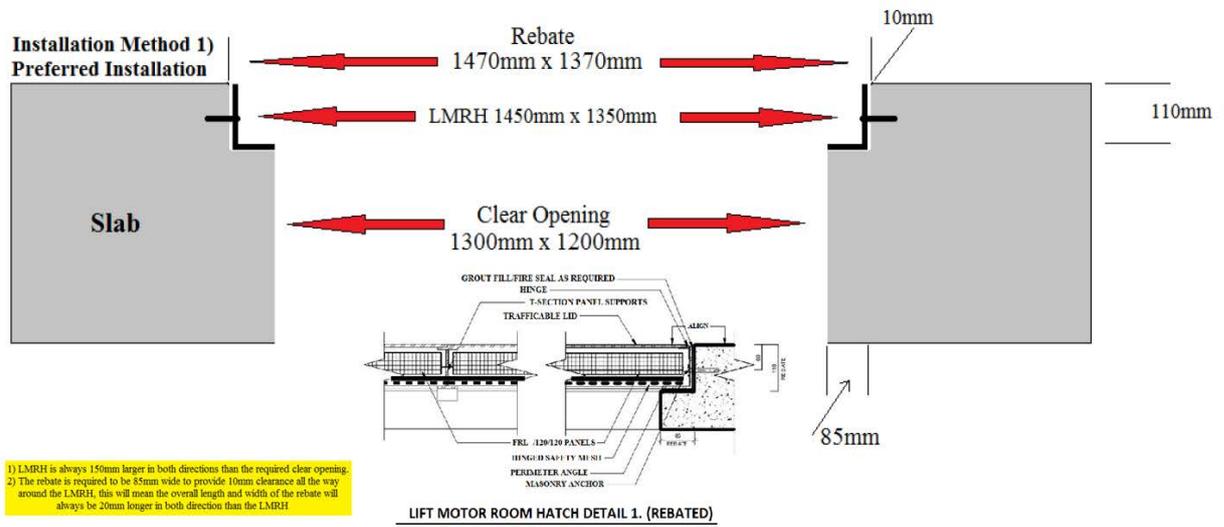
The **Fyreguard LMR - Lift Motor Room Hatch** has been tested and assessed to AS1530.4 to provide FRL of 120/120/120. Please contact your nearest Fyreguard office for further information.

### KEY FEATURES

- Product fit for purpose to meet the requirements of NCC (BCA)
- Large openings for Plant or Equipment
- Trafficable & Sits Flush with Floor
- Drop-in Handrails providing additional Safety when in use
- Safety Chains with D-Shackles to prevent lids over extending unless desired
- Hinged Safety Mesh below panels to stop falling items, while still achieving full clear opening
- Modular to minimise weight of any individual component.
- Can be operated by as few as one person.
- Australian Made for simple installation
- 2 Hours fire rating



## LMR - SIZING & ORDERING



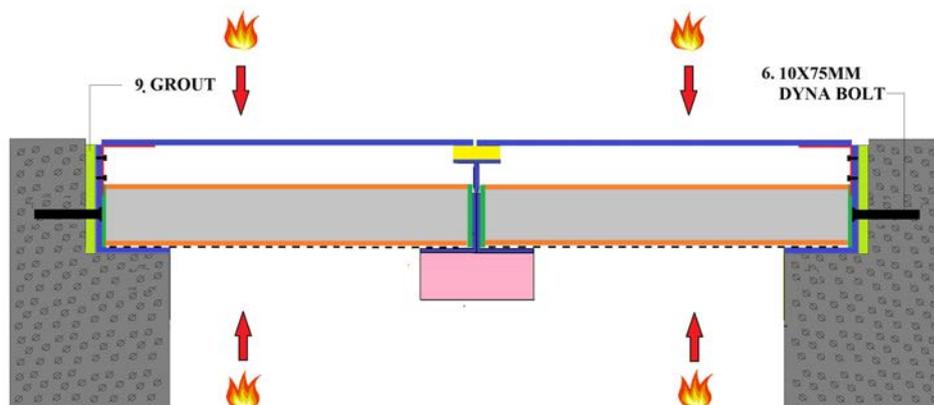
ACCESS HATCHES



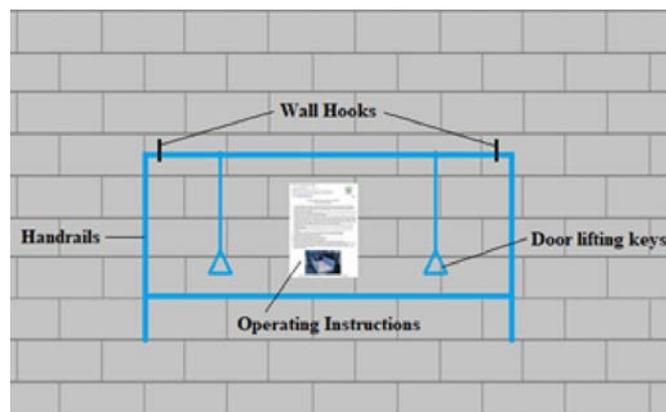
## FYREGUARD LMR - 2 HOUR - LIFT MOTOR ROOM - FLOOR HATCH

### INSTALLATION INSTRUCTIONS

- 1 Locate Lift Motor Access Hatch into the opening in the floor resting into rebate in the concrete.
- 2 For non-rebated installation, install the two pieces of 50x50x2.5mm punched angle provided on opposing sides of the opening at 107-110mm down from the top of the slab. Place the LMRH onto the angles and pack if need be to ensure hatch is flush with the slab.
- 3 Place the safety rails aside, close to the Lift Motor Room hatch for easy access.
- 4 Open the checker plate lids with the lifting key provided. The lids will open past 90 degrees and stay in the open position held by the chains connected to the frame.
- 5 Remove the fire rated Fyrepanels/Promapanel from the inside of the frame using the handles bolted to the panels and store safely away from the hatch frame.
- 6 Install minimum size 10x75mm counter sunk masonry anchors (Dyna bolts) into the holes provided in all 4 sides of the frame.
- 7 Return the Fyrepanels/Promapanel into the frame.
- 8 Close the checker plate lids using the lifting key provided. Make sure the chains fold into the body of the hatch frame. Ensure personnel are well clear of the checker plate lid prior to closing.
- 9 Use Fire rated mastic or non-shrink grout to fill any gaps between the outside edge of hatch frame and the concrete opening.
- 10 Secure the handrail brackets using the fixings provided to store the safety rails and lifting key in a secure place within easy reach of the now closed Lift Motor Room Access Hatch.



**NB: ALL FYREGUARD FIRE RATED ACCESS HATCHES ARE LABELED FOR EASE OF COMPLIANCE AND MAINTENANCE INSPECTIONS. LABELING IS IN ACCORDANCE WITH FPAA GOOD PRACTICE GUIDE AND AS4072.1**





## FYREGUARD LMR - 2 HOUR - LIFT MOTOR ROOM - FLOOR HATCH

### OPERATING INSTRUCTIONS

- Locate the lifting key and safety rails and place them in easy reach of the Lift Motor Room Hatch.
- Using the lifting key provided, insert the key into the hole in the lid and open the lids. The lids are to be opened one (1) at a time and gently eased past 90 degrees to be held in the open position by the chains connected to the frame.
- Remove the fire rated Fyrepanels/Promapanel from the inside of the frame using the handles bolted to the panels and store safely away from the hatch frame.
- Using one (1) of the safety rails insert it part of the way into the SHS sleeve connected to the inside of one of the checker plate lids. Using the safety rail position the checker plate lid to 90 degrees. Position the other checker plate lid to 90 degrees and insert the safety rail into the SHS sleeve on that lid. Push the safety rail to fully engage into the SHS sleeves on both checker plate lids. The lids will now stay in position and allow the installation of the other safety rail in the same manner.
- With both safety rails in place join the chains together using the bull clips attached to provide four-sided rail protection.
- Lift 50x50mm gal mesh to the 90 degrees position and secure to the safety rail with the bull clip attached.
- Lift out the T section mid rails and locate safely near the Fyrepanels/Promapanel.
- Once finished using the Lift Motor Room Hatch for access reverse the procedure.
- Return the T section mid rails into position.
- Unclip the 50x50 gal mesh and lower into the mid rails.
- Return the Fyrepanels/Promapanel into the frame.
- Remove the safety rails and ease the checker plate lids into the fully open position.
- Close the checker plate lids using the lifting key provided. Make sure the chains fold into the body of the hatch frame. Ensure personnel are well clear of the checker plate lid prior to closing.
- Store the safety rails and lifting key in a secure place within easy reach of the now closed Lift Motor Room Access Hatch.

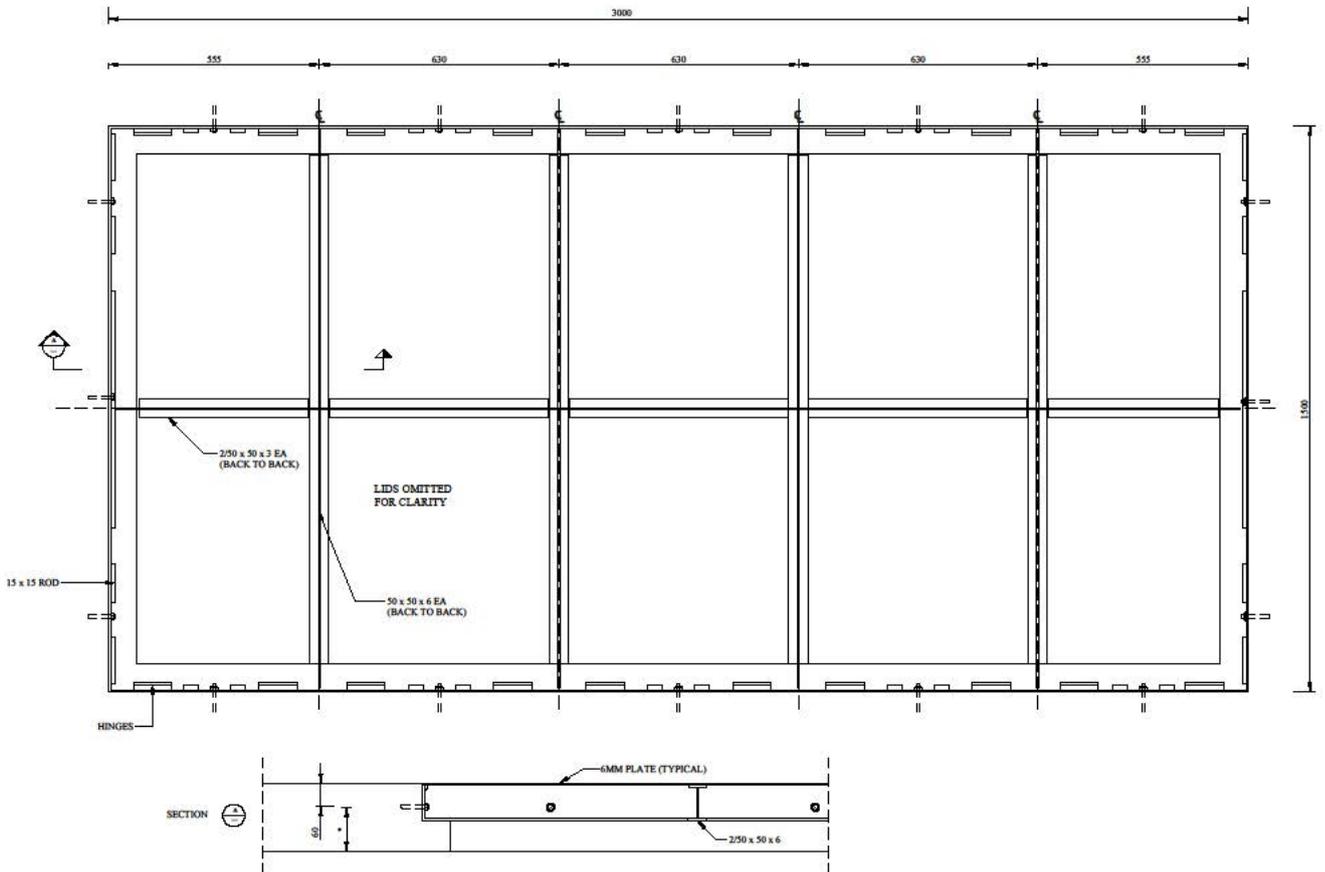
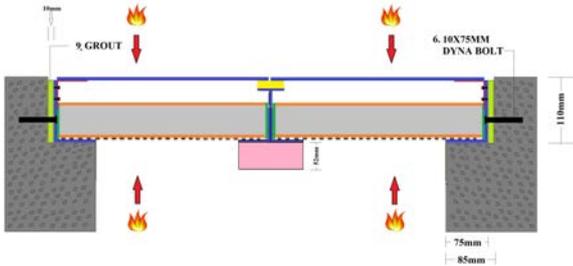
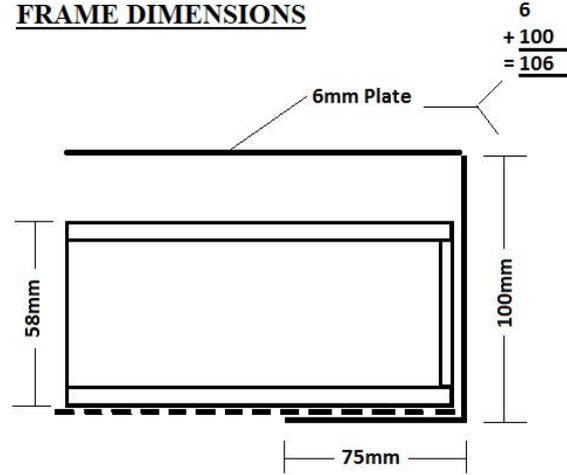


 <h2>Fyreguard</h2>		
Ph: 07 5593 4955      Web: <a href="http://www.fyreguard.com">www.fyreguard.com</a>		
LMRH – LIFT MOTOR ROOM HATCH – FLOOR		
F.R.L. 120/120/120   TRAFFICABLE - 7.5kPa		
LABEL No.	INSTALLED BY:	INSTALL DATE:



# FYREGUARD LMR - 2 HOUR - LIFT MOTOR ROOM - FLOOR HATCH ARCHITECTURAL DETAILS

## FRAME DIMENSIONS



ACCESS HATCHES