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TEST REPORT

REPORT NO.: 2026FE0205

PAGE : 1 OF 27

Unless otherwise stated, the results shown in this Test Report shall be valid exclusively for the specific sample either provided by the Applicant or sampled by the qualified officer and tested by SIRIM QAS International Sdn. Bhd. In deriving the results of this Test Report, SIRIM QAS International Sdn. Bhd. has relied solely on the sample and data information provided by the Applicant, in accordance with the applicable standards requested by the Applicant in the Application Form. This Test Report shall not be reproduced, except in full, without written approval from the Head of Quality, Occupational Safety and Health & Environment (QOSHE) of SIRIM QAS International Sdn. Bhd. Kindly refer to the last page of this Test Report for the 'Conditions Relating to the Use of SIRIM QAS International Sdn. Bhd. Test Report'.

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Applicant : **MOLICC SYSTEM SDN. BHD.**
Lot 1405, Jalan Ipoh, Batu 29,
44300 Batang Kali
Selangor, Malaysia.
File No. / License No.: P5-014642 / PC010972
(Requested by En Mohd Shaiful Amry Bin Mohd Jaid, ICCS2/ PCID,
SIRIM QAS International Sdn. Bhd. dated on 03.06.2025)

Manufacturer : **MLFD GROUP SDN. BHD.**
Lot 1405, Jalan Ipoh,
Batu 29,
44300 Batang Kali
Selangor, Malaysia

Product : **Composite Fire Resistant Doorsets (Double Leaf / Metal Frame)**

Reference Standard/ Method of test : **MS 1073: Part 3: 1996 (Amd. 1:2003)**
Specification for Fire Resistant Doorsets
Part 3: Methods for determination of the fire resistance – Type of Doorsets
Clause 5 – Determination of fire resistance of fully insulated doorsets and shutter assemblies.
Appendix B: Cyclic movement endurance test (side-hung doors only)

Description of test specimen : Brand : **MOLICC**
Model : **MOLICC-MAM-1H-DL-6**
Rating : **One (1) hour**
Type : **Double Leaf, Metal Frame**

Disclaimer: All the information stated above has been provided/agreed by the Applicant. SIRIM QAS International Sdn. Bhd. shall not be held responsible for the accuracy, completeness, or validity of the information provided by the Applicant which may affect the validity of the test results. The accuracy and reliability of the test results are contingent upon the integrity and accuracy of the information provided by the Applicant.

Date Received of Complete Application : 24 June 2025

Job No. : J20251440653

Overall test result : **The test results of the submitted test sample are described in Page 5 of this test report**

Issued Date : **30 March 2026**

Approved Signatory:

(MOHD KHAIRUL RAMLI)
Testing Executive



(ZAINI AHMAD)
Head
Fire Protection Section
Testing Services Department

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Ironmongeries

a) Automatic Door Closer

Brand	:	GEZE									
Model	:	POWERTURN									
Power Size	:	4-7									
Weight	:	<table border="1"> <thead> <tr> <th></th><th>Fire Resistance Test (g)</th><th>Cyclic Test (g)</th></tr> </thead> <tbody> <tr> <td>Primary Leaf</td><td>1236</td><td>1248</td></tr> <tr> <td>Secondary Leaf</td><td>1238</td><td>1244</td></tr> </tbody> </table>		Fire Resistance Test (g)	Cyclic Test (g)	Primary Leaf	1236	1248	Secondary Leaf	1238	1244
	Fire Resistance Test (g)	Cyclic Test (g)									
Primary Leaf	1236	1248									
Secondary Leaf	1238	1244									

The weights were excluding the arm

b) Hinges

Brand	:	GEZE	Model	:	BHZ
Dimension	:	127 mm × 89 mm × 3 mm (t)			
Material	:	Stainless Steel SUS304			

3 pairs of hinges were screwed to the door leaf and welded to the door frame.

c) Mortise Lockset

Lever Handle	:	Brand : GEZE	Model : 101	Series : LH
Lockcase	:	Brand : GEZE	Model : EL	Series : IQ
Cylinder	:	Brand : GEZE	Model : K35/T35	Series : EPC

The lever handle and key cylinder was installed up from its sill level as follows:

	Fire Resistance Test (mm)	Cyclic Test (mm)
Lever Handle	1000	1010
Cylinder	920	930

d) Auto Flush Bolt

Brand	:	MOLICC
Model	:	AB150

e) Drop Seal

Brand	:	RAVEN
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f) Perimeter Seal

Brand	:	RAVEN
Series	:	RP SERIES

g) Door Coordinator

Brand	:	MOLICC
Model	:	CO804-U

The door coordinator was fitted on top of the door frame at the exposed side of the doorset respectively.



[Handwritten signature]