

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-192666-01

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation), this certificate applies to the construction product(s)

Product(s): Building hardware - Locks and latches - Mechanically operated locks, latches and locking plates (refer to attached appendix for details and conditions)

Placed on the market under the name or trade mark of: MASDAR HARDWARE COMPANY
PO#42300, Riyadh 11541 Building No.3461 Al-Monesiyah - Thummamah Road, Riyadh, Kingdom of Saudi Arabia

and produced in the manufacturing plant(s): SG-15309

Intended use: When used with an appropriate door closing device on fire and/or smoke control doors to fulfil the self-closing requirement of such doors, and thereafter to ensure that the door remains shut.

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

EN 12209:2003/AC:2005

Under System 1 for the performance set out in this certificate are applied and that the performance of the construction product fulfils all the prescribed requirements for these performances.

This certificate first issued on **2019-12-13** and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performances of the declared essential characteristics, do not change, and the construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body.



0905

The issued document and statement(s) herein makes reference only to a presumption of conformity in accordance with the CPR Regulations EU 305/2011 (as amended). However, it is the manufacturer's or their authorised representative's sole responsibility to affix the CE logo and, by doing so, confirms full compliance and conformity to all other European mandatory directives and regulations that may also apply.

Signature:

Date: 2019-12-13

Issue: 01

Name:

Dipl.-Ing. Roland Heine

Position: Certification Manager



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APPENDIX TO: Certificate of Constancy of Performance

Brand: **Logic**
 Model Ref: L13-5572S, L13-6072S, L13-6572S, L13-7072S, L13-8072S, L13-4585S, L13-5085S, L13-6085S, L13-5572P, L13-6072P, L13-6572P, L13-5572D, L13-6072D, L13-6572D, L13-5572N, L13-6072N, L13-6572N, L13-5578B, L13-6078B, L13-6578B

Table A1. Product description for mechanically operated locks, latches and locking plates from MASDAR HARDWARE COMPANY

Function	Model Number	Backset (mm)	C to C distance (mm)
Sash lock Handle only operate latch, cylinder operate latch and dead bolt.	L13-5572S	55	72
	L13-6072S	60	72
	L13-6572S	65	72
	L13-7072S	70	72
	L13-8072S	80	72
	L13-4585S	45	85
	L13-5085S	50	85
	L13-6085S	60	85
Passage latch Only latch bolt function, handle operate latch.	L13-5572P	55	72
	L13-6072P	60	72
	L13-6572P	65	72
Deadlocking bolt Only deadbolt function, cylinder operate deadbolt.	L13-5572D	55	72
	L13-6072D	60	72
	L13-6572D	65	72
Night latch Handle operate latch, cylinder operate latch.	L13-5572N	55	72
	L13-6072N	60	72
	L13-6572N	65	72
Bathroom lock Latch is operated by handle, deadbolt is operated by turn.	L13-5578B	55	78
	L13-6078B	60	78
	L13-6578B	65	78

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Table A2. Mechanical test reports & product classification for mechanically operated locks, latches and locking plates^{a, b} from MASDAR HARDWARE COMPANY

Test Report	Model Number	Product Classification										
160920013GZU-001 160920013GZU-002	L13-5572S, L13-6072S, L13-6572S, L13-7072S, L13-8072S, L13-4585S, L13-5085S, L13-6085S	3	X	9	1 ^b	0	G	3	B	C	2	0
	L13-5572P, L13-6072P, L13-6572P	3	X	9	1 ^b	0	G	-	B	0	2	0
	L13-5572D, L13-6072D, L13-6572D	3	X	9	1 ^b	0	G	3	B	C	0	0
	L13-5572N, L13-6072N, L13-6572N	3	X	9	1 ^b	0	G	2	B	B	2	0
	L13-5578B, L13-6078B, L13-6578B	3	X	9	1 ^b	0	G	-	B	0	2	0

Table A3. Fire test report(s) for mechanically operated locks, latches and locking plates^a from MASDAR HARDWARE COMPANY

Test Report	Model tested	Test Method	Fire Resistance (minutes)	
			Integrity (E)	Insulation (I)
171101005SHF-BP-1	L13-8072S	EN 1634-1:2014	260	17
Test configuration: Single leaf single action swing steel fire door assembly Orientation: Open away the furnace.				
171101004SHF-BP-2	L13-8072S	EN 1634-1:2014	111	111
Test configuration: Single leaf single action swing timber fire door assembly Orientation: Open into the furnace.				
Model numbers in Table A1 were assessed as having same performance.				

Notes.

- a. The lock and plate shall be installed in accordance with the installation instructions for the product(s).
 b. Digit 4 grade "1" was based on the test result from fire resistance test (refer to Table A3).

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Table A4. Annex ZA Related Information for Mechanically operated locks, latches and locking plates from MASDAR HARDWARE COMPANY

Product:	Mechanical locks and their strike plates		
Intended use:	On fire and smoke compartmentation doors (to fulfil the self-closing requirements of such doors)		
Requirement/ characteristic	Standard clause	Result Summary	
		For Latch lock: L13-5572S, L13-6072S, L13-6572S, L13-7072S, L13-8072S, L13-4585S, L13-5085S, L13-6085S, L13-5572P, L13-6072P, L13-6572P, L13-5572N, L13-6072N, L13-6572N, L13-5578B, L13-6078B, L13-6578B	For deadlocking bolt: L13-5572D, L13-6072D, L13-6572D
Self-closing ability	Closing force (5.4.2)	Grade 9, Less than 15N	NPD (No Performance Determined)
	Return force of latch bolt (5.1.2)	Pass, More than 2.5 N	NPD
Durability of self-closing action	Durability of latch action (5.3.1)	Grade X 200 000 cycles	NPD
Ability to maintain door in closed position and not contribute to the spread of fire	Resistance to side load on latch bolt (5.2.1)	Grade 3 3kN	NPD
	Suitability for use on fire/smoke doors (5.5)	Pass Grade 1 (refer to Table A3)	
Control dangerous substances	Dangerous substances (5.1.1)	No dangerous substances declared for this product/ intended use	

END OF DOCUMENT

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