

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-231037-01

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), 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: JINCHENG HARDWARE INDUSTRY CO., LTD.
No 191 Wudong Industrial Development Zone, Lile Town, Jianghai District, Jiangmen, China
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 performances 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 **2023-10-12** 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construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body



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:



DocuSign

Date: 2023-10-12

Issue: 01

Name:

117743
Dipl.-Ing. Roland Heine

Position: Certification Manager

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APPENDIX TO: Certificate of Constancy of Performance

Brand: JCH

Model Ref: 5572Z, 6072Z, 6572Z, 7072Z, 8072Z, 4585Z, 5085Z, 6085Z, 5572ZL, 6072ZL, 6572ZL, 5572ZD, 6072ZD, 6572ZD, 5572ZN, 6072ZN, 6572ZN, 5578ZWC, 6078ZWC, 6578ZWC, 5572ZR, 6072ZR

Table A1. Product description for mechanically operated locks, latches and locking plates from JINCHENG HARDWARE INDUSTRY CO., LTD.

Function	Model Number	Backset (mm)	C to C distance (mm)
Sash lock Handle only operate latch, cylinder operate latch and dead bolt.	5572Z	55	72
	6072Z	60	72
	6572Z	65	72
	7072Z	70	72
	8072Z	80	72
	4585Z	45	85
	5085Z	50	85
	6085Z	60	85
Passage latch Only latch bolt function, handle operate latch.	5572ZL	55	72
	6072ZL	60	72
	6572ZL	65	72
Deadlocking bolt Only deadbolt function, cylinder operate deadbolt.	5572ZD	55	72
	6072ZD	60	72
	6572ZD	65	72
Night latch Handle operate latch, cylinder operate latch.	5572ZN	55	72
	6072ZN	60	72
	6572ZN	65	72
Bathroom lock Latch is operated by handle, deadbolt is operated by turn.	5578ZWC	55	78
	6078ZWC	60	78
	6578ZWC	65	78
Roller latch & Manual deadlocking Contain a roller latch bolt and deadbolt. Handle or key can't operate the roller latch bolt, cylinder can operate the deadbolt.	5572ZR	55	72
	6072ZR	60	72

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Table A2. Mechanical test report(s) and product classification for mechanically operated locks, latches and locking plates^{a, b} from JINCHENG HARDWARE INDUSTRY CO., LTD.

Mechanical test reports	Model List	Product Classification										
160920013GZU-001 160920013GZU-002	5572Z, 6072Z, 6572Z, 7072Z, 8072Z, 4585Z, 5085Z, 6085Z	3	X	9	1 ^b	0	G	3	B	C	2	0
	5572ZL, 6072ZL, 6572ZL	3	X	9	1 ^b	0	G	-	B	0	2	0
	5572ZD, 6072ZD, 6572ZD	3	X	9	1 ^b	0	G	3	B	C	0	0
	5572ZN, 6072ZN, 6572ZN	3	X	9	1 ^b	0	G	2	B	B	2	0
	5578ZWC, 6078ZWC, 6578ZWC	3	X	9	1 ^b	0	G	-	B	0	2	0
220507060GZU-001	5572ZR, 6072ZR	3	C	8	1 ^b	0	G	3	B	C	0	0

Table A3. Fire test report(s) for mechanically operated locks, latches and locking plates^{a, b} from JINCHENG HARDWARE INDUSTRY CO., LTD.

Fire test reports	Model List	Test Method	Fire Resistance (Minutes)	
			Integrity (E)	Insulation (I)
171101005SHF-BP-1	8072Z	EN 1634-1:2014+A1:2018	260	N/A
Test configuration:	Single leaf single action swing steel fire door assembly			
Orientation:	Open away from the furnace			
171101004SHF-BP-2	8072Z	EN 1634-1:2014+A1:2018	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.

- The lock and plate shall be installed in accordance with the installation instructions for the product(s).
- 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 Table ZA.1 Clauses for Mechanically operated locks, latches and locking plates from JINCHENG HARDWARE INDUSTRY CO., LTD.

Product:	Mechanically operated locks, latches and locking plates			
Intended Uses:	On fire and smoke compartmentation doors (to fulfil the self-closing requirements of such doors)			
Requirement / characteristic	Requirement clauses in this European Standard	Results		
		For Latch lock: 5572Z, 6072Z, 6572Z, 7072Z, 8072Z, 4585Z, 5085Z, 6085Z, 5572ZL, 6072ZL, 6572ZL, 5572ZN, 6072ZN, 6572ZN, 5578ZWC, 6078ZWC, 6578ZWC	For Roller latch: 5572ZR, 6072ZR	For deadlocking bolt: 5572ZD, 6072ZD, 6572ZD
Self-closing ability	Closing force (5.4.2)	Grade 9, less than 15N	Grade 8, Less than 15N	Not applicable
	Return force of latch bolt (5.1.2)	Pass, More than 2.5 N	Pass, More than 2.5 N	Not applicable
Durability of self-closing action	Durability of latch action (5.3.1)	Grade X, 200 000 cycles	Grade C, 200 000 cycles	Not applicable
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		Not applicable
	Suitability for use on fire/smoke doors (5.5)	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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