

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-000347-02

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: Hebei Jianhua Lock Industry Co., Ltd.,
Road 3, Development Area, Botou City, Hebei Province, 062155, China.

and produced in the manufacturing plant(s): Hebei Jianhua Lock Industry Co., Ltd.,
Road 3, Development Area, Botou City, Hebei Province, 062155, China.

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, replaces 0905-CPR-00347-01, was first issued on **2019-08-22** 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construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body.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:


91838

Date: 2019-10-09

Issue: 01

Name:

Dipl.-Ing. Bernhard Miedtank

Position: Certification Manager

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

Intertek Deutschland GmbH, Stangenstraße 1, 70771 Leinfelden-Echterdingen
Tel.: +49 711 27311-0 E-Mail: nb0905@intertek.com Web: www.intertek.de

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-000347-02

APPENDIX TO: Certificate of Constancy of Performance

Brand: ---

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

Table A1. Product description for mechanically operated locks, latches and locking plates from Hebei Jianhua Lock Industry Co., Ltd.

Model Series	Function	Model Number	Backset (mm)	C to C distance (mm)
Z	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
ZL	Passage latch Only latch bolt function, handle operate latch.	5572ZL	55	72
		6072ZL	60	72
		6572ZL	65	72
ZD	Deadlocking bolt Only deadbolt function, cylinder operate deadbolt.	5572ZD	55	72
		6072ZD	60	72
		6572ZD	65	72
ZN	Night latch Handle operate latch, cylinder operate latch.	5572ZN	55	72
		6072ZN	60	72
		6572ZN	65	72
ZWC	Bathroom lock Latch is operated by handle, deadbolt is operated by turn.	5578ZWC	55	78
		6078ZWC	60	78
		6578ZWC	65	78

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

Intertek Deutschland GmbH, Stangenstraße 1, 70771 Leinfelden-Echterdingen
Tel.: +49 711 27311-0 E-Mail: nb0905@intertek.com Web: www.intertek.de

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-000347-02

APPENDIX TO: Certificate of Constancy of Performance

Table A2. Mechanical test reports & product classification for mechanically operated locks, latches and locking plates^{a, b} from Hebei Jianhua Lock Industry Co., Ltd.

Test Report	Model Series	Model Number	Product Classification											
160920013GZU-001 160920013GZU-002	Z	5572Z, 6072Z,6572Z, 7072Z,8072Z, 4585Z, 5085Z, 6085Z	3	X	9	1 ^b	0	G	3	B	C	2	0	
	ZL	5572ZL, 6072ZL, 6572ZL	3	X	9	1 ^b	0	G	-	B	0	2	0	
	ZD	5572ZD, 6072ZD, 6572ZD	3	X	9	1 ^b	0	G	3	B	C	0	0	
	ZN	5572ZN, 6072ZN, 6572ZN	3	X	9	1 ^b	0	G	2	B	B	2	0	
	ZWC	5578ZWC, 6078ZWC, 6578ZWC	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 Hebei Jianhua Lock Industry Co., Ltd.

Test Report	Model tested	Test Method	Fire Resistance (minutes)	
			Integrity (E)	Insulation (I)
171101005SHF-BP-1	8072Z	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	8072Z	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.

- 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).

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

Intertek Deutschland GmbH, Stangenstraße 1, 70771 Leinfelden-Echterdingen
Tel.: +49 711 27311-0 E-Mail: nb0905@intertek.com Web: www.intertek.de

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-000347-02

APPENDIX TO: Certificate of Constancy of Performance

Table A4. Annex ZA Related Information for Mechanically operated locks, latches and locking plates from Hebei Jianhua Lock Industry Co., Ltd.

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: 5572Z, 6072Z, 6572Z, 7072Z, 8072Z, 4585Z, 5085Z, 6085Z, 5572ZL, 6072ZL, 6572ZL, 5572ZN, 6072ZN, 6572ZN, 5578ZWC, 6078ZWC, 6578ZWC	For deadlocking bolt: 5572ZD, 6072ZD, 6572ZD
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

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

Intertek Deutschland GmbH, Stangenstraße 1, 70771 Leinfelden-Echterdingen
Tel.: +49 711 27311-0 E-Mail: nb0905@intertek.com Web: www.intertek.de