

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-210799-01

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 trademark of: Shandong Hanrui Hardware Co., Ltd.
Bldg 10-116, No. 10 Jingshan Road, Zhifu District, Shandong, China

and produced in the manufacturing plant(s): Hebei Jianhua Lock Industry Co., Ltd.
Road 3, Development Area Botou City, Hebei, 062150, 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 was first issued on **2021-06-02** 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construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body.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:

Date: 2021-06-02

Issue: 01

Name:

105749
DocuSign
Dipl.-Ing. Roland Heine

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.

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Brand: **DIROCK**
Model Ref: **6072ZE**

Table A1. Product description for mechanically operated locks, latches and locking plates from Shandong Hanrui Hardware Co., Ltd.

Function	Model	Backset (mm)	C to C distance (mm)
Mortice Lock: Contains latch bolt and deadbolt, inside lever handle operates both latch bolt and deadbolt, outside lever operate latch bolt only, cylinder operate latch bolt and deadbolt.	6072ZE	60	72

Table A2. Mechanical test reports & product classification for mechanically operated locks, latches and locking plates^{a, b} from Shandong Hanrui Hardware Co., Ltd.

Test Report	Model tested	Product Classification										
201113151GZU-003	6072ZE	3	X	8	1 ^b	0	G	3	B	A	2	0

Table A3. Fire test report(s) for mechanically operated locks, latches and locking plates^a from Shandong Hanrui Hardware Co., Ltd.

Test Report	Model tested	Test Method	Fire Resistance (minutes)	
			Integrity (E)	
201130017SHF-001	6072ZE	EN 1634-1:2014+A1:2018	260	
Test configuration: Single leaf single action swing steel fire door assembly				
Orientation: Open away and open into the furnace.				

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 Related Information for Mechanically operated locks, latches and locking plates from Shandong Hanrui Hardware Co., Ltd.

Product:	Mechanical locks and their strike plates: 6072ZE	
Intended use:	On fire and smoke compartmentation doors (to fulfil the self-closing requirements of such doors)	
Requirement/ characteristic	Standard clause	Result Summary
Self-closing ability	Closing force (5.4.2)	Grade 8, Less than 15N
	Return force of latch bolt (5.1.2)	Pass, More than 2.5 N
Durability of self- closing action	Durability of latch action (5.3.1)	Grade X 200 000 cycles
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
	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

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