

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0359-CPR.BCP-2200006-01

In compliance with the Construction Products Regulation (EU) 305/2011 as it has effect in England and Wales and Scotland as retained EU law this certificate applies to the construction product(s).

Placed on the market under the name or trademark of	Shandong Hanrui Hardware Co., Ltd. Bldg 10-116, No. 10 Jingshan Road, Zhifu District, Yantai City, Shandong Province, China .
and produced in the manufacturing plant	Hebei Jianhua Lock Industry Co., Ltd. Road 3, Development Area, Botou City, Hebei Province, China .
Product Description:	Building hardware, Locks and latches – Emergency exit device (s) operated by lever handle
Intended Use(s)	For doors on escape routes
Brand Name & Model(s)/ Model Variants	Refer to Appendix A1 & Tables A1 to A3
Standard(s)/ Directive(s)/ Regulation(s):	This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard EN 179: 2008 under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product. This certificate was first issued on 29th March 2022 under CPR (305/2011) as retained in UK law and will remain valid as long as neither the designated standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the UK Conformity Assessment (UKCA) Approved Body.
Approved Body (UK)	INTERTEK TESTING & CERTIFICATION LIMITED , Registered No. 3272281, Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ, United Kingdom. Website: www.intertek.com ; E-mail: cpd.uk@intertek.com
UKAS Accreditation No. & Approved Body No.	This certificate has been issued by a UKAS accredited certification body No. 0010, Approved Body identification number 0359.

Signature:



Date: 29 Mar-2022

Issue: 01

Name: David Bigland

Position: Certification Manager

Appendix A1. Certificate Information for Shandong Hanrui Hardware Co., Ltd. certificate no. 0359-CPR.BCP-2200006-01

A1. Model information

Brand: DIROCK
Model No. 6072ZE

Table A1. Product application for Shandong Hanrui Hardware Co., Ltd. certificate no. 0359-CPR.BCP-2200006-01

Model	Single Door	Double Door		Type of operation
		Active door	Inactive door	
6072ZE	✓	N/A	N/A	Lever handle

Table A2. Mechanical testing & product classification for Shandong Hanrui Hardware Co., Ltd. certificate no. 0359-CPR.BCP-2200006-01 ^{1,2,3}

Test Report	Model	Product Classification ^{4,5}									
201113151GZU-001	6072ZE	3	7	6	B ⁵	1	4	5	2	A	B/D

Table A3. Fire test reports for Shandong Hanrui Hardware Co., Ltd. certificate no. 0359-CPR.BCP-2200006-01 ⁴

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.

- Product shall be installed and maintained in accordance with the manufacturer's instructions. Lever handle model can be SS4003-19SS.
- In addition to the Declaration of Performance (DoP) under CPR, the product shall be marked in accordance with the relevant UKCA marking requirements for construction products
- Designated standards at open.gov.uk website: <https://www.gov.uk/government/publications/designated-standards-construction-products>
- "Product classification" provided within this certificate links to the harmonised product standard (drafted and published under Construction Products Directive)
- Digit 4 - "B" indicates that there is a fire resistance test report

Table A4. EN 179 Annex ZA Related Information for certificate number 0359-CPR.BCP-2200006-01

Product:	Emergency exit device(s) operated by lever handle as covered by the scope of EN 179.	
Intended uses:	For doors on escape routes.	
Requirement / characteristic	Requirement clauses in this European Standard	Results
Ability to release (for doors on escape routes)	4.1.2 Release function	< 1 second
	4.1.3 Release operation	Not opposite to the open direction
	4.1.4 Lever handle design	Operated the lever in downward rotational direction
	4.1.5 Push pad design	Not applicable
	4.1.6 Double doorset	Not applicable
	4.1.8 Exposed edges and corners	No sharp edges
	4.1.11 Push pad installation	Not applicable
	4.1.12 Lever handle installation	X> 120 mm, Z < 150 mm
	4.1.13 Operation element projection	Standard projection Category 2: W <100 mm
	4.1.14 Operating element face	Type A, V > 18 mm
	4.1.15 Lever handle free end	U> 40 mm, W< 100 mm, Angle α< 30°
	4.1.16 Lever handle operating gap	Test block pass freely
	4.1.17 Push pad operating gap	Not applicable
	4.1.18 Test rod	The device does not trap the test rod in any position during the operation
	4.1.19 Push pad release operation	Not applicable
	4.1.20 Accessible gap	No accessible gap could be blocked.
	4.1.21 Door free movement	Door open freely after release
	4.1.22 Top vertical bolt	Not applicable
	4.1.24 Keepers	The keeper protects the door frame from the damage caused by the door closing and opening
	4.1.25 Keeper dimensions	No floor keeper, not applicable
	4.1.27 Door mass and dimensions	Grade 6, Mass 200kg, Height≤ 2100 mm, Width≤ 1300 mm (dimension mechanical only)
	4.1.28 Outside access device	All the outside access device (key, outside lever and cylinder) cannot prevent exit device operating from inside in any situation.
	4.2.2 Release forces	< 70 N for lever handle
	4.2.7 Security requirement	Grade 5, the device remains locked when a force of 5000 N is applied to the door.

Table A4. (contd.) EN 179 Annex ZA Related Information for certificate number 0359-CPR.BCP-2200006-01

Requirement / characteristic	Requirement clauses in this European Standard	Results
Durability of ability to release against aging and degradation (for doors on escape routes)	4.1.4; 4.2.9 Corrosion resistance	Grade 4: Very high resistance (240 hours)
	4.1.9 Temperature range	-10°C; +60°C
	4.1.23, 4.2.6 Covers for vertical rods	Not applicable
	4.1.26 Lubrication	Refer to Manufacturer's Maintenance Instructions
	4.2.3 Re-engagement force	< 50 N
	4.2.4, 4.1.21, 4.2.2, 4.2.3 Durability	Grade 7: 200 000 test cycles
	4.2.5 Abuse resistance – Operating element	Type A
	4.2.6 Abuse resistance - Vertical rod	Not applicable
	4.2.8; 4.2.2; 4.1.21 Final examination	Release force < 50 N, door open freely after release
Self closing ability C (for fire/smoke doors on escape routes)	4.2.3 Re-engagement force	< 50 N
Durability of self closing ability C against aging and degradation (for fire/smoke doors on escape routes)	4.2.4 Durability	Grade 7: 200 000 test cycles
	4.2.3 Re-engagement force	< 50 N
Resistance to fire E (integrity) and (insulation) (for fire doors on escape routes)	4.1.10; Annex B Suitability of panic exit devices for use on fire/smoke resisting door assemblies	Grade B: suitable for use on fire resisting door assemblies (refer to Table A3).
Control of Dangerous substances	4.1.29 Dangerous substances	No dangerous substances declared for this product/intended use

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