



HUAKE TESTING

TEST REPORT

Prepared for:

Guangzhou Prodigy Daily - Production Co., Ltd.

BUILDING #3 #4, NO.120 BEILONG ROAD, DAGANG

Product Name: RETRACTABLE SAFETY GATE

Model Name: SG021

Trade Name: NA

Date of Test: From March 13, 2023 to March 16, 2023

Date of Report: March 22, 2023

Report Number: HK2303131875-1RR

Prepared by:

Shenzhen HUAKE Testing Technology Co., LTD.

**1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community,
Fuhai Street, Bao'an District, Shenzhen, Guangdong, China**

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



TEST REPORT

Report No. : HK2303131875-1RR

Date: March 22, 2023

Page 2 of 20

Applicant: Guangzhou Prodigy Daily - Production Co., Ltd.
Address: BUILDING #3 #4, NO.120 BEILONG ROAD, DAGANG TOWN NANSHA DISTRICT GUANGZHOU, CHINA
Manufacturer: Guangzhou Prodigy Daily - Production Co., Ltd.
Address: BUILDING #3 #4, NO.120 BEILONG ROAD, DAGANG TOWN NANSHA DISTRICT GUANGZHOU, CHINA

The following sample was submitted and identified by/on behalf of the client as:

Sample Name: RETRACTABLE SAFETY GATE
Model No: SG021
Trade Name: NA
Tested Age Grade: 6-24 months
Labeled Age Grading: 6-24 months
Appropriate Age Grade: 6-24 months
Sample Receiving Date: March 13, 2023
Testing Period: From March 13, 2023 to March 16, 2023
Results: Please refer to next page(s).

Signed for and on behalf of HUAKE

Approved by: Jason Zhou
Lab Manager

Remark: Only selected materials were tested as per client's requirement.



TEST REPORT

Report No. : HK2303131875-1RR

Date: March 22, 2023

Page 3 of 20

Information of the Test Laboratory

Shenzhen HUAKE Testing Technology Co., Ltd.

Add.: 1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

Testing Laboratory Authorization:

A2LA Accreditation Code is 4781.01.

FCC Designation Number is CN1229.

Canada IC CAB identifier is CN0045.

CNAS Registration Number is L9589.

CPSC Certification Number is 1710.

Summary of Test Results:

TEST REQUEST

- | | |
|---|---|
| A | EN 1930-2011 Child use and care articles - Safety barriers - Safety requirements and test methods |
| B | EN 71-2:2020 -Flammability |
| C | EN 71-3:2019+A1:2021 - Migration of Certain Elements |

CONCLUSION

PASS

PASS

PASS



TEST REPORT

Report No. : HK2303131875-1RR

Date: March 22, 2023

Page 4 of 20

Results:**A. EN 1930-2011 Child use and care articles - Safety barriers – Safety requirements and test methods**

Applicable Section	Description	Result
1	Scope This European Standard specifies the safety requirements and test methods for child safety barriers for domestic indoor use which are designed to be fitted across openings to limit a child's access inside the home and to prevent young children up to 24 months of age passing through. This European Standard does not apply to products designed to be fitted across windows.	
2	Normative references	
3	Terms and definitions	
4	Test equipment	Pass
4.1	Tolerances for test equipment	Pass
4.2	Hip probe	Pass
4.3	Foothold template	Pass
4.4	Finger probes	Pass
4.5	Finger probe for mesh	Pass
4.6	Ball chain loop and spherical mass	Pass
4.7	Small parts cylinder	Pass
4.8	Test frame	Pass
4.9	Rattle test equipment	Pass
4.10	Push - pull test equipment	Pass
4.11	Test impactor	Pass
5	Conditioning	(25±2)°C
6	Mechanical hazards	
6.1	General	
6.2	Barrier Function	Pass
6.3	Gaps	Pass
6.4	Opening and closing system	Pass
6.5	Entrapment hazards	Pass
6.6	Shearing and crushing hazards	Pass
6.7	Protrusion hazards	Pass
6.8	Choking and ingestion hazards	Pass
6.9	Suffocation hazards	Pass
6.10	Hazardous edges and points	Pass

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



TEST REPORT

Report No. : HK2303131875-1RR

Date: March 22, 2023

Page 5 of 20

Applicable Section	Description	Result
6.11	Structural integrity	Pass
6.12	Security of the safety barrier from Impact test	Pass
7	Chemical hazards(EN71-3)	Pass
8	Thermal hazards	Pass
9	Additional hazards	Pass
9.1	Use of a tool	Pass
9.2	Toys	NA
10	Product information	Pass
10.1	General All product information required by this standard shall be given in the official language(s) of the country in which the safety barrier is sold.	Pass
10.2	Marking	Pass
10.3	Purchase information	Pass
10.4	Instructions for use	

Note:

-- NA = Not Applicable

-- NC = Not conducted (According to customer requirement, no evaluation of this clause)

B. EN 71-2:2020 -Flammability

Applicable Section	Description	Result
4	Requirements	
4.1	General	Pass
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by a Child in play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft-filled toys (animals and dolls etc.)with a piled or textile surface	NA

-NA = Not Applicable

Note: In accordance with the EN71-2, the burning rate should not be greater than 30mm per second.



TEST REPORT

Report No. : HK2303131875-1RR

Date: March 22, 2023

Page 6 of 20

C. EN 71-3:2019+A1:2021 - Migration of Certain Elements

Tested part(s):

Seq. no	Part(s) name
1	White plastic
2	White coating
3	White plastic mesh
4	Silver metal screw
5	Transparent rubber double-sided tape
6	White foam double-sided tape

Test method: Preparation of the sample and migration procedure with reference to EN71-3:2019+A1:2021, metal elements analysis is performed by Inductively Coupled Argon Plasma Spectrometer (ICP-OES)/ Inductively Coupled Plasma Mass Spectrometer (ICP-MS), organic tins analysis is performed by Gas Chromatography- (GC/MS) Mass Spectrometer and Cr (III) and Cr(VI) analysis is performed by High Performance Liquid Chromatography-Inductively Coupled Plasma Mass Spectrometer (HPLC-ICP-MS).



TEST REPORT

Report No. : HK2303131875-1RR

Date: March 22, 2023

Page 7 of 20

Element	Unit	Results			MDL	Permissible Limit
		(1)^	(2)^	(3)^		
Soluble Aluminium(Al)	mg/kg	N.D.	N.D.	N.D.	50	See the next remarks
Soluble Antimony (Sb)	mg/kg	N.D.	N.D.	N.D.	10	
Soluble Arsenic (As)	mg/kg	N.D.	N.D.	N.D.	0.1	
Soluble Barium(Ba)	mg/kg	N.D.	445	199	50	
Soluble Boron(B)	mg/kg	N.D.	N.D.	N.D.	50	
Soluble Cadmium(Cd)	mg/kg	N.D.	N.D.	N.D.	0.1	
Soluble Chromium (Cr)	mg/kg	N.D.	N.D.	N.D.	0.001	
Soluble Chromium III (Cr3+)	mg/kg	N.D.	N.D.	N.D.	0.1	
Soluble Chromium VI (Cr6+)	mg/kg	N.D.	N.D.	N.D.	0.001	
Soluble Cobalt (Co)	mg/kg	N.D.	N.D.	N.D.	0.1	
Soluble Copper(Cu)	mg/kg	N.D.	N.D.	N.D.	50	
Soluble Lead(Pb)	mg/kg	N.D.	N.D.	N.D.	0.1	
Soluble Manganese(Mn)	mg/kg	N.D.	N.D.	N.D.	50	
Soluble Mercury (Hg)	mg/kg	N.D.	N.D.	N.D.	0.1	
Soluble Nickel (Ni)	mg/kg	N.D.	N.D.	N.D.	10	
Soluble Selenium(Se)	mg/kg	N.D.	N.D.	N.D.	0.1	
Soluble Strontium(Sr)	mg/kg	N.D.	N.D.	N.D.	50	
Soluble Tin (Sn)	mg/kg	N.D.	N.D.	N.D.	5	
Soluble Organic Tin	mg/kg	N.D.	N.D.	N.D.	0.1	
Soluble Zinc (Zn)	mg/kg	N.D.	N.D.	57	50	
Conclusion	/	Pass	Pass	Pass	/	/

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



TEST REPORT

Report No. : HK2303131875-1RR

Date: March 22, 2023

Page 8 of 20

Element	Unit	Results			MDL	Permissible Limit
		(4)^	(5)^	(6)^		
Soluble Aluminium(Al)	mg/kg	284	N.D.	N.D.	50	See the next remarks
Soluble Antimony (Sb)	mg/kg	N.D.	N.D.	N.D.	10	
Soluble Arsenic (As)	mg/kg	N.D.	N.D.	N.D.	0.1	
Soluble Barium(Ba)	mg/kg	N.D.	N.D.	N.D.	50	
Soluble Boron(B)	mg/kg	70	N.D.	N.D.	50	
Soluble Cadmium(Cd)	mg/kg	N.D.	N.D.	N.D.	0.1	
Soluble Chromium (Cr)	mg/kg	N.D.	N.D.	N.D.	0.001	
Soluble Chromium III (Cr3+)	mg/kg	N.D.	N.D.	N.D.	0.1	
Soluble Chromium VI (Cr6+)	mg/kg	N.D.	N.D.	N.D.	0.001	
Soluble Cobalt (Co)	mg/kg	N.D.	N.D.	N.D.	0.1	
Soluble Copper(Cu)	mg/kg	N.D.	N.D.	N.D.	50	
Soluble Lead(Pb)	mg/kg	N.D.	N.D.	N.D.	0.1	
Soluble Manganese(Mn)	mg/kg	537	N.D.	N.D.	50	
Soluble Mercury (Hg)	mg/kg	N.D.	N.D.	N.D.	0.1	
Soluble Nickel (Ni)	mg/kg	N.D.	N.D.	N.D.	10	
Soluble Selenium(Se)	mg/kg	N.D.	N.D.	N.D.	0.1	
Soluble Strontium(Sr)	mg/kg	N.D.	N.D.	N.D.	50	
Soluble Tin (Sn)	mg/kg	N.D.	N.D.	N.D.	5	
Soluble Organic Tin	mg/kg	N.D.	N.D.	N.D.	0.1	
Soluble Zinc (Zn)	mg/kg	12650	N.D.	N.D.	50	
Conclusion	/	Pass	Pass	Pass	/	/

Note:

- N.D.= Not Detected(lower than MDL)
- MDL =Method Detection Limit
- *= This test portion material is Category II;
- ^=This test portion material is Category III.
- mg/kg= ppm
- Soluble Chromium is not restricted by EN 71-3, results shown only for reference.
- Soluble Tin--If this element was detected, further confirmation test of Organic tin need to be performed.



TEST REPORT

Report No. : HK2303131875-1RR

Date: March 22, 2023

Page 9 of 20

Remark I:

The standard contains requirements for the migration of certain elements from the following categories of toy:

- Category I: Dry, brittle, powder like or pliable materials;
- Category II: Liquid or sticky materials;
- Category III: Scraped-off materials or textile or wood materials or paper products;

Remark II:**Migration limits from toy materials:**

Element	Category I mg/kg	Category II mg/kg	Category III mg/kg
Soluble Aluminium (Al)	2250	560	28130
Soluble Antimony (Sb)	45	11.3	560
Soluble Arsenic(As)	3.8	0.9	47
Soluble Barium (Ba)	1500	375	18750
Soluble Boron(B)	1200	300	15000
Soluble Cadmium (Cd)	1.3	0.3	17
Soluble Chromium III(Cr ³⁺)	37.5	9.4	460
Soluble Chromium VI(Cr ⁶⁺)	0.02	0.005	0.053
Soluble Cobalt(Co)	10.5	2.6	130
Soluble Copper(Cu)	622.5	156	7700
Soluble Lead (Pb)	2.0	0.5	23
Soluble Manganese (Mn)	1200	300	15000
Soluble Mercury(Hg)	7.5	1.9	94
Soluble Nickel(Ni)	75	18.8	930
Soluble Selenium(Se)	37.5	9.4	460
Soluble Strontium (Sr)	4500	1125	56000
Soluble Tin (Sn)	15000	3750	180000
Soluble Organic Tin	0.9	0.2	12
Soluble Zinc(Zn)	3750	938	46000

**** Modified History ****

Revision	Description	Issued Data	Remark
Revision 1.0	Initial Test Report Release	2023/03/22	Jason Zhou



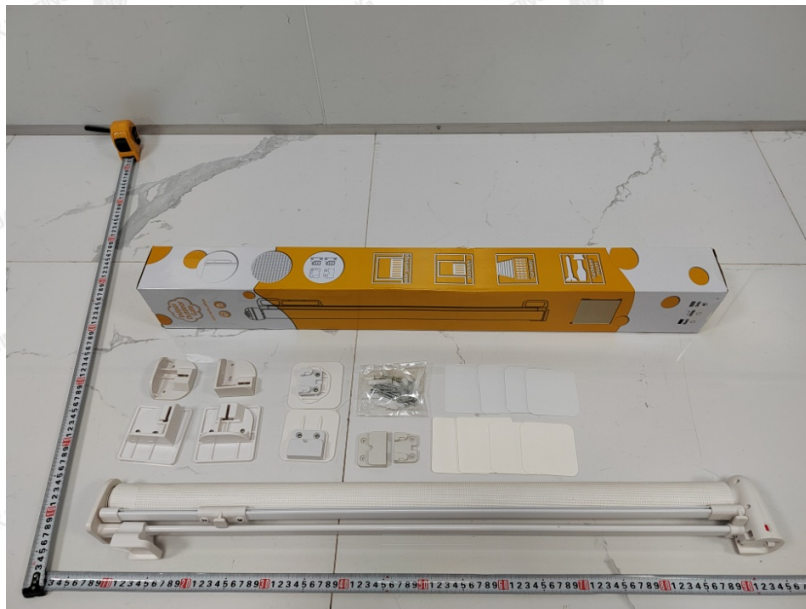
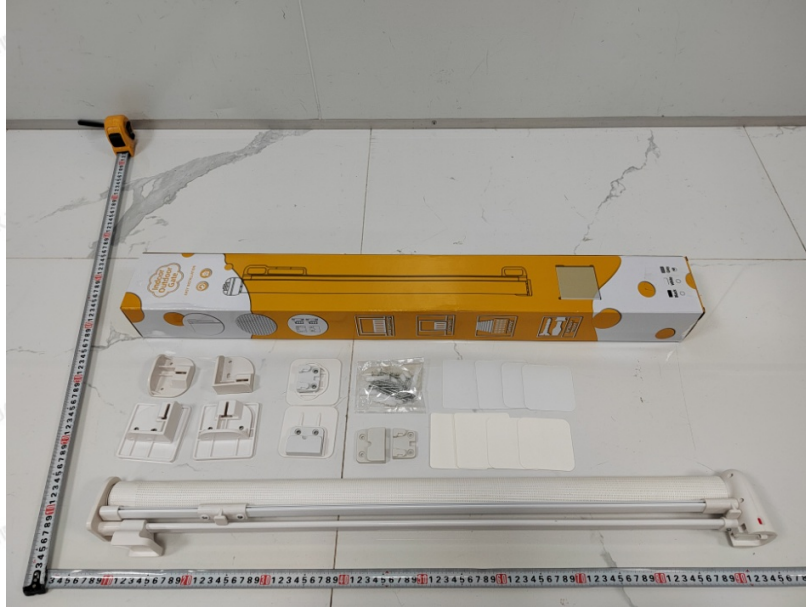
TEST REPORT

Report No. : HK2303131875-1RR

Date: March 22, 2023

Page 10 of 20

Photograph of Sample





TEST REPORT

Report No. : HK2303131875-1RR

Date: March 22, 2023

Page 11 of 20



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

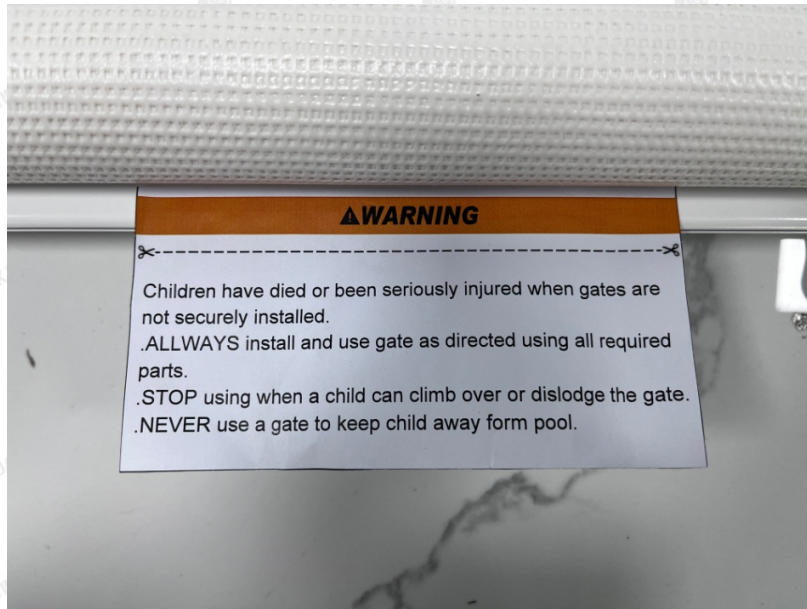


TEST REPORT

Report No. : HK2303131875-1RR

Date: March 22, 2023

Page 12 of 20



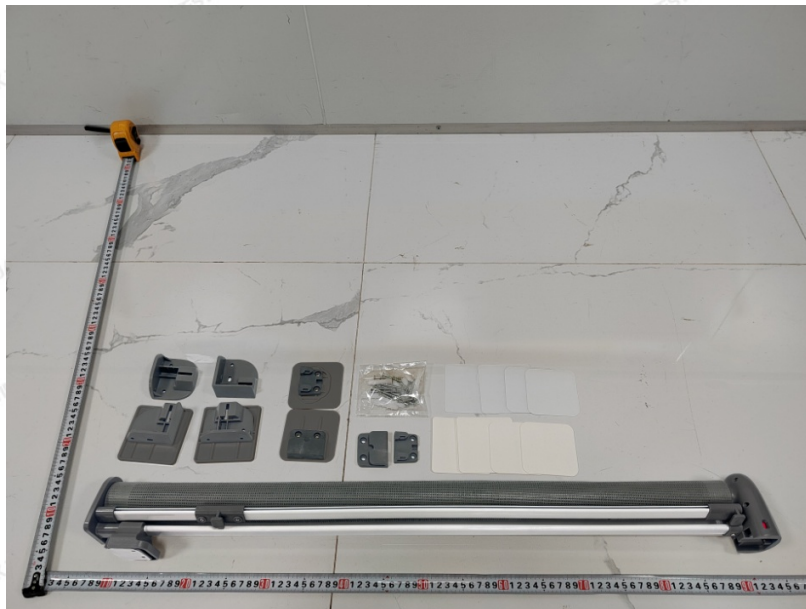


TEST REPORT

Report No. : HK2303131875-1RR

Date: March 22, 2023

Page 13 of 20



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

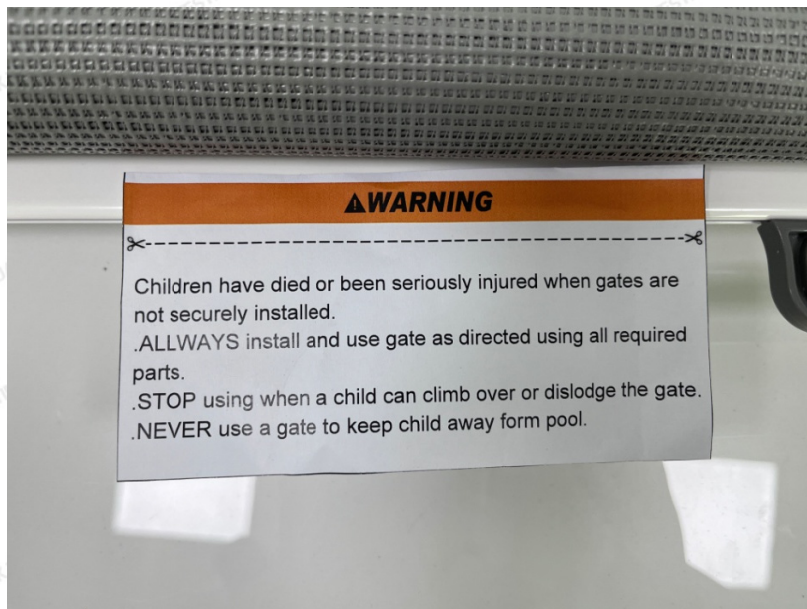
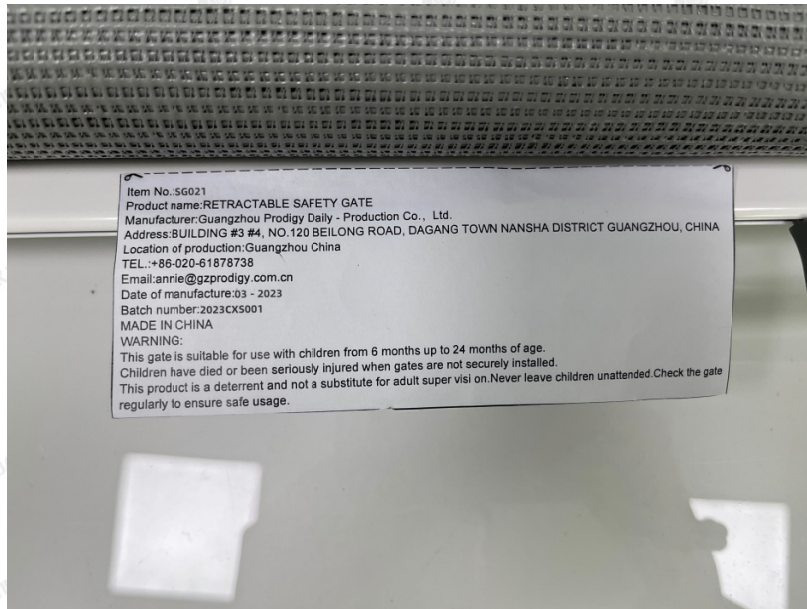


TEST REPORT

Report No. : HK2303131875-1RR

Date: March 22, 2023

Page 14 of 20





TEST REPORT

Report No. : HK2303131875-1RR

Date: March 22, 2023

Page 15 of 20



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

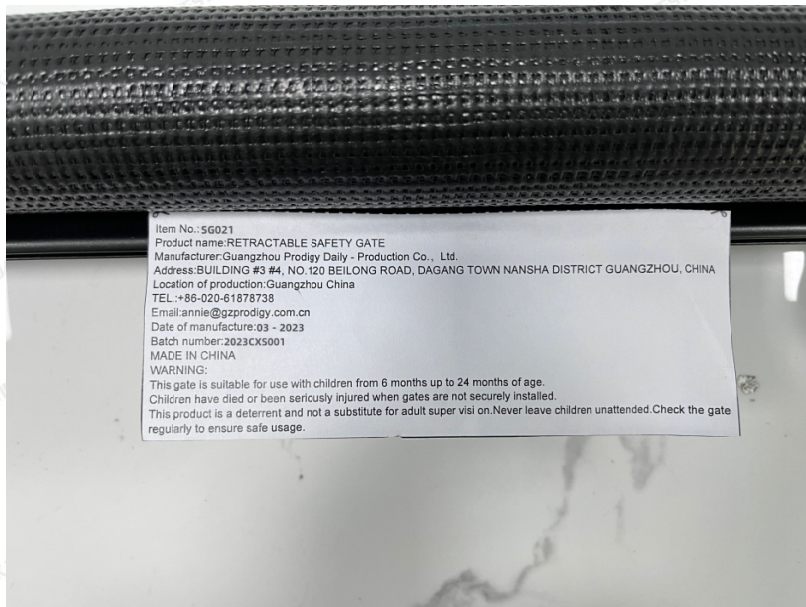
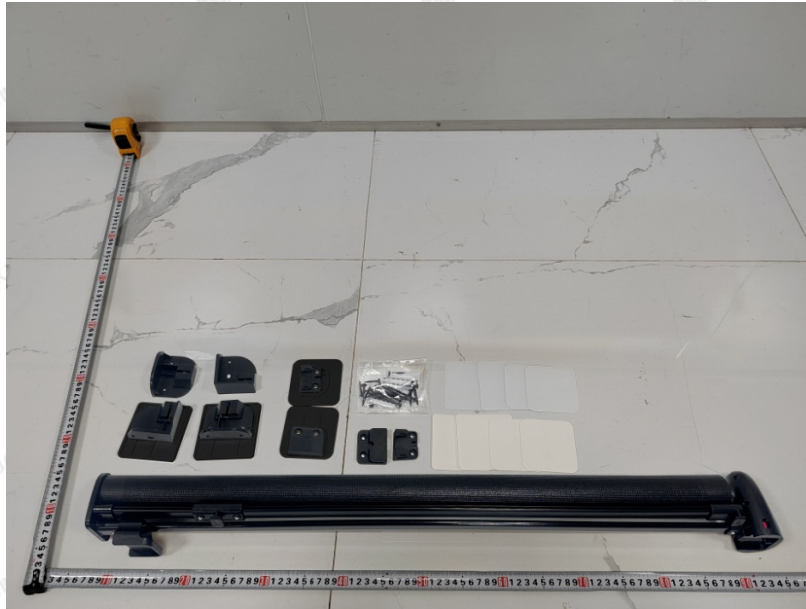


TEST REPORT

Report No. : HK2303131875-1RR

Date: March 22, 2023

Page 16 of 20



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

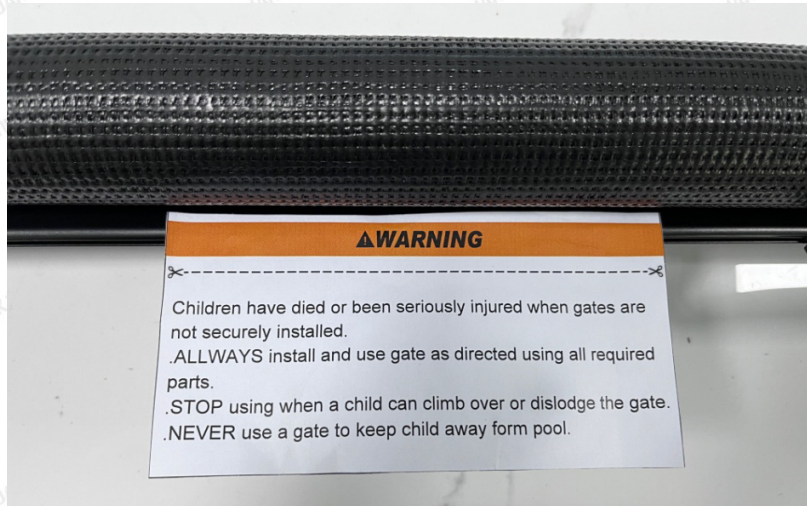


TEST REPORT

Report No. : HK2303131875-1RR

Date: March 22, 2023

Page 17 of 20



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



TEST REPORT

Report No. : HK2303131875-1RR

Date: March 22, 2023

Page 18 of 20



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



TEST REPORT

Report No. : HK2303131875-1RR

Date: March 22, 2023

Page 19 of 20





TEST REPORT

Report No. : HK2303131875-1RR

Date: March 22, 2023

Page 20 of 20



HUAK authenticate the photo on original report only

***** End of Report *****

Remark: This report is considered invalidated without the Special Seal for Inspection of the HUAK.
This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of HUAK, this test report shall not be copied except in full and published as advertisement.