No: 2018600531









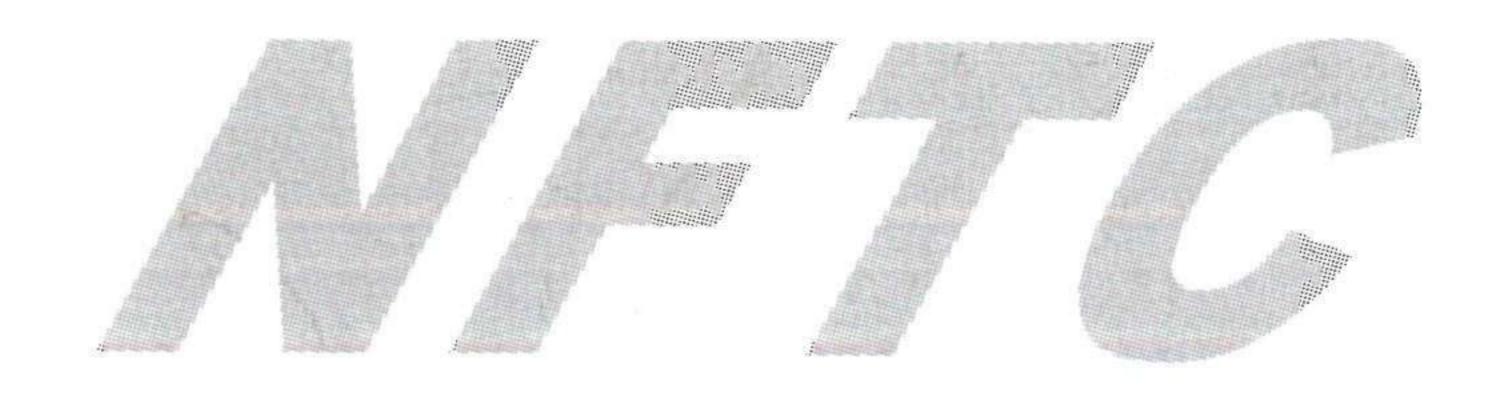
TEST REPORT

SUBMITTED: Sichuan Xingshifa Door & Window Co., Ltd.

PRODUCT: GFM-1123-bdk5 A1.50 (Grade A) -1- I

Steel Fire Door

TEST CATEGORY: Type Test



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Product	Steel Fire Door	Model Specification	GFM-1123-bdk5 A1.50 (Grade A)-1-		
Applicant	Sichuan Xingshifa Door & Window Co., Ltd.	Testing Category	Type Test		
Producer	Sichuan Xingshifa Door & Window Co., Ltd.	Produce Date	2018. 01		
Manufacturer	Sichuan Xingshifa Door & Window Co., Ltd.	Sampled by			
Sampling Base		Sampling Site			
Sample Amount	2 doors	Sampling Date			
Sample Status	Intact	2018. 04. 20			
Test Standard	GB 12955-2008 《Fire resistant doorsets》 CNCA-C18-02:2014 《Implementation Rules on Compulsory Product Certification Fire Prevention Products》 CCCF-HZFH-02 《Implementation Rules on Compulsory Product Certification Fire Prevention Products Fire Resisting Product of Building》				
Test items	Items required in annex 3 of CCCF-HZFH-02				
	According to GB 12955-2008 《Fire resistant doorsets》 inspection and CNCA-C18-02:2014 《Implementation Rules on Compulsory Product Certification Fire Prevention Products》、CCCF-HZFH-02 《Implementation Rules on Compulsory Product Cer-				
Test Conclusion	tification Fire Prevention Products Fire Resisting Product of Building》, the steel fire door (GFM-1123-bdk5 A1.50 (Grade A)-1-1) sended by Sichuan Xingshifa Door & Window Co., Ltd is qualified. (the following is blank) [Stamp] [Issued Date: 23.8.3.6]				
Notes					

Approved by: Ju34

Revified by:

Authored by:

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Serial	Test items	Standard	Standard requirements	Test results	Conclusion
	Filling	GB 12955- 2008,	The combustion performance reach stipulated level A1 in GB 8624-2006	Conform specified	
material	6.3.1	Smoke toxicity reach risk class- ification stipulated ZA 2 in GB/T 20285-2006.	Conform specified	Qualified	
			Door skin plate≥0.8	0.8	
			Door frame plate≥1.2	1.2	
7	Thickness of	5. 2. 4. 2	Hinge plate≥3.0	3. 0	
	materials, mm	6. 3. 4. 2	Reinforcing device without screw holes≥1.2	1. 2	Qualified
			Reinforcing device with screw holes≥3.0	3.0	
3	Adhesives	5. 2. 0 6. 3. 6	Smoke toxicity reach risk class- ification stipulated ZA2 in GB/T 20285-2006.	Conform specified	Qualified
			The lock installed on fire door should be fire-proof lock.		
4	Fire- resistant lock	5. 3. 1 6. 4. 1	In the lock core mechanism of the door leaf, the fire lock should have a handle or push bar mechanism. It is not allowed to replace the handle with a circular or spherical knob (except for special-purpose parts, such as pipe well doors, etc.).	Conform specified	Qualified
			It shall be qualified by the national recognized authorized testing organization, and its fire resistance performance shall comply with the provisions of Appendix A.		
5	Fire- resistant hinges	5 3 1	Its fire resistance sh-all comply with the provisions of Appendix	Conform specified	Qualified
6	Fire- resistant sequencer	5. 3. 4 6. 4. 4	Couble-sector, multi-sector fire- resistant door with cover panel or front edge shall be provided with a sequencer (except for spe- cial using parts), and the fire resistance shall comply with the provisions of Appendix C.		
7	Fire- resistant latch		ire resistance should meet the rovisions of Appendix D.		
8	Covering	5.3.6 T 6.4.6	he cover panel should be secur- ly connected to the door leaf. he cover panel should not inte- fere with the normal opening a- d closing of the door leaf.		

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Serial	l lest items	Standard	Standard requirements	Test results	Conclusion
9	Fire- resistant seal	5. 3. 7 6. 4. 7	Fireproof seals shall be embeded into the gap between the door frame and the door leaf or between door leaf and door leaf. It shall be qualified by the national authorized and authorized and authorized testing organization, and its performance shall be consistent with The provisions of GB 16807.	Conform specified	Qualified
10		5. 3. 8 6. 4. 8	It shall be qualified by the national authorized testing organization. The type of fireproof glass should meet the standard requirements, and its performance should meet the requirements of GB 15763.1.	Conform specified	Qualified
11	Appearance quality	5. 4. 2 b) 6. 5	The appearance should be flat, smooth, no obvious dents or mechanical damage; The coating and cladding material should be uniform, flat and smooth, and there should be no piling, no pitting, no bubbles, no leak painting and no flowing; The welding should be firm and the welding points should be distributed uniform, no false welding, no burnthrough, no lack welding, no slag inclusion and no looseness. The outer surface welding should be smoothed.	Conform specified	Qualified
		5. 6 6. 7	Height of door leaf: ±2	+1 +1	Qualified
	Limit of dimensional deviation, mm		hichness of door leaf: -1~	+1	
			leight of the inside cutting door rame: ±3	+1	
			idth of the inside cutting door rame: ±2		
			idth of door frame sidewall:	1	

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Serial	lest items	Standard	Standard requirements	Test results	Conclusion
			Difference length between two diagonals of door leaf≤3mm	1 mm	
			Distortion of door leaf≤5mm	1 mm	
13	Geometric Tolerance	J. /	Curvature of door width direction < 2.0%	0.8‰	Qualified
			Curvature of door height direction < 2.0%	0.8‰	
			The difference length between the two diagonal of the inside cutting door frame≤3mm	0	
			Door leaf and door frame overlap size≥12	12	
			The clearance between the door leaf and the door frame with the hinge side is not greater than the dimensional tolerance specified in the design drawings.	Conform specified	
14	Tolerance of fit, mm	5.8	The clearance between the door leaf and the door frame with the lock side is not greater than the dimensional tolerance specified in the design drawings.		Qualified
			it free clearance between the door leaf and the upper frame ≤3	2	
			Sap between door leaf of double door leafs ≤3		
			active gap between the door leaf and lower frame or the ground≤9	5	

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Serial	Test items		Standard	Standard requirements	Test results	Conclusion
14	Tolerance of fit, mm		5. 8 6. 9	A fitting surface gap between door leaf and the door frame side with hinge ≤3 The gap between the door leaf and the door frame side with the lock ≤3 The gap between the door leaf and the fitted surface of the upper frame on the door frame ≤3 Plane height difference between	2 2	Qualified
15	Flexibility of opening and closing			door leaf and door frame≤1 It should be flexible and free from jamming.	Conform specified	Qualified
16	Opening force of Door leaf. N		5. 9. 2 6. 10. 2	<80	70	Qualified
17	Reliability		5. 10 6. 11	After 500 opening and closing tests, the fireproof door should not be loose, fall off, severely deformed and jammed.	Conform specified	Qualified
18	fire resist-	Insulation	5. 11	rising temperature of the unexp- osed surface (door leaf) ≤140 °C. The highest rising temperture of the unexposed surface (except the door frame) ≤180°C, Average rising temperature of the firep - roof glass (different insulation areas) ≤140°C, The highest ris- ing temperture of the door frame on unexposed surface ≤360°C。	1.50h, Average rising temperature of the unexposed surface (door leaf):55°C; The highest rising temperture of the unexposed surface (except the door frame):72°C, Average rising temperature of the fireproof glass (different insulation areas):45°C, The highest rising temperture of the door frame on unexposed surface:281°C.	Qualified
	ance	Integ		no sustained flame in excess of 10s on the unexposed surface of the specimen, and the cotton pad is not on fire. The gap gauge can not be passed through (The 6mm gap gauge can be passed through the test sample such that the gauge projects into the	1.50h, there is no flame on the unexposed surface of the specimen. No burn cotton pad. No gap gauge test.	Galli Toa

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Photo of product:



1. Marker Plate: Product: Steel Fire Door;

Model Specification: GFM-1123-bdk5 A1.50 (Grade A) -1-1;

Producer: Sichuan Xingshifa Door & Window Co., Ltd.;

Manufacturer: Sichuan Xingshifa Door & Window Co., Ltd.;

3C certification mark: NONE.

2. Important Materials:

Type of materials filled in the door leaf, specification, manufacturer: Magnesite core board for fire resistant doorset. Nominal value of density (450 ± 45) kg/m³, measured density before drying is 463kg/m³, measured density after drying is 463kg/m³, Beijing Kelifeier Material Co., Ltd.

- 3. Characteristics parameters of product:see product facade, profile, structure diagram and product photos.
- 4. Consistency check conclusion: Compliance.

Testing Address: YuZui test base of Dujiang Village, Dujiangyan City, Sichuan Province. (the following is blank)

