Test Report No.: 64.190.22.0920.01-00
Dated: 2023-01-16

Greater China

Applicant:	SISO A/S
Address:	Mileparken 11,2740 Skovlunde, Denmark
Sample Submission:	The samples were submitted by applicant and identified.
Product Name:	Glass Door Hinge "Obsession"
Order No.:	/
Identification/Style No.:	15.06.480+15.06.485+15.06.490
Manufacturer:	/
Country of Origin:	/
Buyer:	/
Export to:	/
Receipt Date of Sample:	2022-12-23
Date of Testing:	From 2022-12-23 to 2023-01-11
Test Result:	Refer to the data listed in following pages

Test Specification(s) or Test Item(s):

Conclusions:

1. **EN 15570:2008 Hardware for furniture—Strength and durability of hinges and their components—Hinges pivoting on a vertical axis (level 3) (Excluding Annex A)**

Pass

Hardline Laboratory

TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch Testing Center

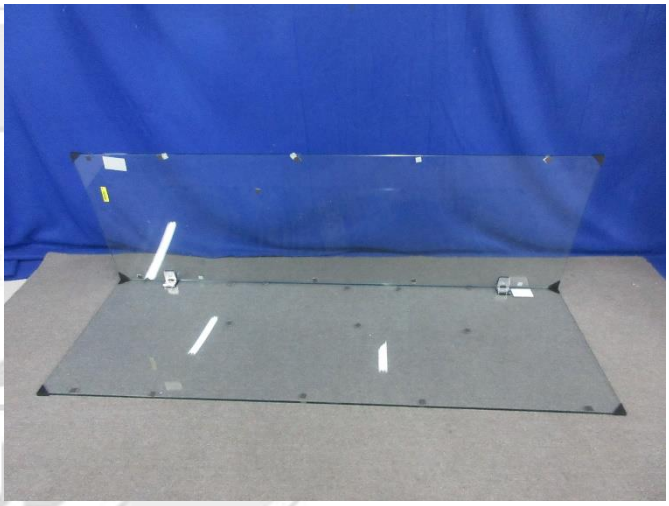
Tested By: Knight Li

Knight Li
Project Handler

Reviewed By: Rookie Wen

Rookie Wen
Designated Reviewer

Description of the test subject:

1	**Product Description**	Glass Door Hinge "Obsession"
2	**Dimensions / Weight** **H x W x D (mm)/ (kg)**	Hinge: H x W x D (mm): 55 x 120 x 66 Weight (kg): 440 g Test door: H x W x Thickness (mm): 2000 x 650 x 10 Weight: 32 kg
3	**Intended use**	Indoor use
Sample photo		Sample photo
		

Sample preparation: the sample was stored in indoor ambient conditions for 24h
Test condition: 23~25℃ 50~55%RH

Test Results:

1. EN 15570:2008 Hardware for furniture—Strength and durability of hinges and their components—Hinges pivoting on a vertical axis (level 3)

Item	Requirement-test item	Result, Remark	Evaluation
1	**Scope**		
2	**Normative references**		
3	**Terms and definitions**		
4	**General test conditions**		
5	**Test apparatus**		
6	**Test procedures and requirements**		
6.1	General		/
6.2	Overload tests	Test parameter see Annex B	/
6.2.1	Vertical static load overload	Vertical load: 30kg	P
6.2.2	Horizontal static overload	Horizontal force: 80N	P
6.3	Functional tests	Test parameter see Annex B	/
6.3.1	General		/
6.3.2	Operating forces		/
6.3.2.1	General		/
6.3.2.2	Closing force, hinges with self-closing mechanisms		N/A
6.3.2.3	Opening and closing forces	Operating force:5N Closing force:10N	P
6.3.3	1st vertical static load test	Vertical load: 20kg	P
6.3.4	1st horizontal static load	Horizontal force: 40N	P
6.3.5	Slam shut	Fulfilled	P
6.3.6	Determination of reference point for the door sagging		/
6.3.7	Durability	Cycles: 80000	P
6.3.8	Deflection (sagging) test	Fulfilled Z=0.2mm	P
6.3.9	2nd vertical static load	Vertical load: 20kg	P
6.3.10	2nd horizontal static load	Horizontal force: 40N	P
6.4	Corrosion resistance	3 cycles AHT according to standard EN ISO 6270-2	P
Annex A	Product information system	Not provided	N/T
A.1	General	Not provided	N/T
A.2	Field of application	Not provided	N/T

Item	Requirement-test item	Result, Remark	Evaluation
A.3	The mass and size of the door	Not provided	N/T
A.4	Adjustment systems and spring and damper mechanisms	Not provided	N/T
A.5	Corrosion test	Not provided	N/T
Annex B	**Test parameters**		

Table B.2 – Overload tests

Clause / Test	Unit	Loads		
		1	2	3
6.2.1 Vertical static overload	kg	-	20	30
6.2.2 Horizontal static overload	N	-	60	80

Table B.3 – Functional tests

Clause / Test	Unit	Loads and cycles		
		1	2	3
6.3.3 and 6.3.9 Vertical static load	kg	10	15	20
6.3.4 and 6.3.10 Horizontal static load	N	25	30	40
6.3.5 Slam shut (m_2)	kg	2	3	4
6.3.5 Additional slam shut for doors with dampers (m_3)	kg	min. 1, max. 2	min. 1, max. 2	min. 1, max. 2
6.3.7 Durability	cycles	20 000	40 000	80 000

Remark:

1. Abbreviation: P=Pass; F=Fail; N/A=Not Applicable; N/T=Not Tested; N/R=Not Requested.
2. The test results exclusively based on the submitted samples.
3. Clause(s) with the symbol "/" in the result refers to the result(s) of its sub-clause(s).

-End of Test Report-