

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

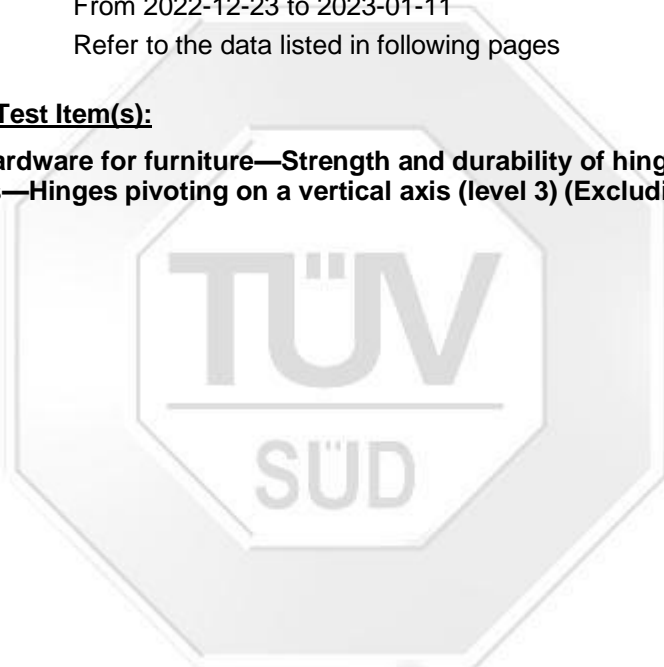
Applicant: SISO A/S
Address: Mileparken 11,2740 Skovlunde, Denmark
Sample Submission: The samples were submitted by applicant and identified.
Product Name: Glass Door Hinge "Obsession"
Order No.: /
Identification/Style No.: 15.06.480+15.06.485+15.06.490
Manufacturer: /
Country of Origin: /
Buyer: /
Export 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

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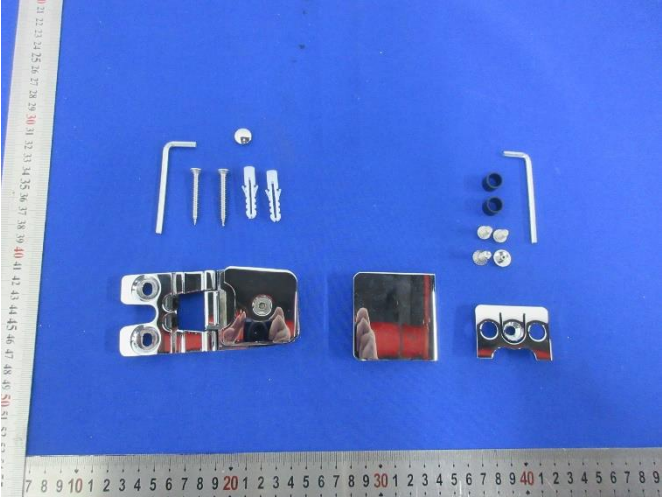

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Description of the test subject:

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°C 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	1 st vertical static load test	Vertical load: 20kg	P
6.3.4	1 st 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	2 nd vertical static load	Vertical load: 20kg	P
6.3.10	2 nd 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																																		
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Clause / Test</th> <th rowspan="2">Unit</th> <th colspan="3">Loads</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> </tr> </thead> <tbody> <tr> <td>6.2.1 Vertical static overload</td> <td>kg</td> <td style="text-align: center;">-</td> <td style="text-align: center;">20</td> <td style="text-align: center;">30</td> </tr> <tr> <td>6.2.2 Horizontal static overload</td> <td>N</td> <td style="text-align: center;">-</td> <td style="text-align: center;">60</td> <td style="text-align: center;">80</td> </tr> </tbody> </table>			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														
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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-