

HIGOLD GROUP CO.,LTD
NO.36-1,SHUNYE EAST ROAD,XINGTAN TOWN,SHUNDE DISTRICT,
FOSHAN CITY,GUANGDONG PROVINCE,CHINA

Sample Description : M2.0 SERIES SYNCHRONIZED FULL EXTENSION SOFT-CLOSE
UNDERMOUNT SLIDE
Item No. : 811215C
Manufacturer : HIGOLD GROUP CO.,LTD

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Sample Receiving Date : May 22, 2025
Test Performing Date : Jun 05, 2025 to Jun 20, 2025
Test Performed : Selected test(s) as requested by applicant

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	EN 15338:2024, excluding annex A	PASS	/
For further details, please refer to the following page(s)			

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch

Marco Leung

Marco Leung
Authorized Signatory

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TESTS AND RESULTS

Test Conducted:

EN 15338:2024 Hardware for furniture -- Strength and durability of extension elements and their components, excluding annex A.

Test level: Level 2

Loading capacity M: 35 kg

No. of Sample:

3 sets. For more sample information and pictures, please refer to the following page.

Test and Requirements	Test Results
6 Test procedures and requirements	
6.1 General For the following tests, three sets of extensions shall be used as follows: The first set shall be used for the first test sequence specified in 6.2. The second set shall be used for the second test sequence specified in 6.3. The third set shall be used for the corrosion test specified in 6.4.	
6.2 Overload tests	
6.2.1 General During testing according to 6.2, the extension element shall be loaded according to the loading capacity M. The load shall be masses unless otherwise specified.	
6.2.2 Vertical downwards static overload Vertical static load (Max.): 250 N Carry out 10 times. The extension element or parts of it shall not become detached.	PASS
6.2.3 Horizontal sideways static overload Horizontal static load (Max.): 125 N Carry out 5 times. Repeat the test 5 times in the opposite direction of the front. The extension element or parts of it shall not become detached.	PASS
6.2.4 Outwards static overload Outwards static load (Max.): 200 N The extension element or parts of it shall not become detached.	PASS
6.2.5 Slam-shut/open Factor K (using falling mass): 2.5 Each 10 times. The extension element or parts of it shall not become detached.	PASS
6.3 Functional tests	
6.3.1 General During testing according to 6.3, the extension element shall be loaded according to the loading capacity M. The load shall be masses unless otherwise specified.	
6.3.2 Deflection of extension element bottoms 15 minutes The deflection shall not exceed 1/75 of the shortest inner dimension (width or depth).	N/A



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Test and Requirements	Test Results
6.3.3 Deformation of front and back Load on front and back (Max.): 200 N During the test, the bottom shall not fall out or become detached and after testing, the extension element shall fulfil its function.	N/A
6.3.4 Operating forces When the loading capacity is less than 40 kg, the opening and closing forces determined shall not exceed 50 N. When the loading capacity is \geq 40 kg, the opening and closing forces determined shall not exceed 12,5 % of the loading capacity.	PASS
6.3.5 First vertical downwards static load test Vertical static load (Max.): 150 N Carry out 5 times. The extension element shall fulfil its function.	PASS
6.3.6 First horizontal sideways static load Horizontal static load (Max.): 75 N Carry out 5 times. Repeat the test 5 times in the opposite direction of the front. The extension element shall fulfil its function.	PASS
6.3.7 Determination of reference point for the deflection of front	---
6.3.8 Durability Cycles: 50000 Rate: 4 to 15 cycles per minute The extension element shall fulfil its function.	PASS
6.3.9 Deflection of front The deflection shall not exceed 4% of the extension length.	PASS
6.3.10 Second vertical downwards static load Vertical static load (Max.): 150 N Carry out 5 times. The extension element shall fulfil its function.	PASS
6.3.11 Second horizontal sideways static load Horizontal static load (Max.): 75 N Carry out 5 times. Repeat the test 5 times in the opposite direction of the front. The extension element shall fulfil its function.	PASS
6.3.12 Operating forces When the loading capacity is less than 40 kg, the opening and closing forces determined shall not exceed 50 N. When the loading capacity is \geq 40 kg, the opening and closing forces determined shall not exceed 12,5 % of the loading capacity.	PASS
6.3.13 Slam-shut/open Factor K (using falling mass): 1.25 Each 10 times The extension element shall fulfil its function.	PASS



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Test and Requirements	Test Results
<p>6.4 Corrosion resistance The test method shall be 72 h (3 cycles) condensation water test with alternating humidity and air temperature according to EN ISO 6270-2 (AHT). With the exception of cutting edges, screw slots, rivet heads, aluminum and moulded parts of zinc, all parts which are visible when the extension is mounted shall fulfil $R_p \geq 8$ according to EN ISO 10289. The function shall be maintained.</p>	<p>PASS</p>
<p>Annex A Product information system</p>	
<p>A.1 General The aim of the product information is to assist furniture manufacturers/developers in choosing the correct extension elements for a given purpose. Therefore, information shall be given by the manufacturer of the extension elements on at least the properties specified in this annex.</p>	<p>N/R</p>
<p>A.2 Field of application The product information shall include information regarding the material(s) for which the extension elements are suitable, e.g. solid wood, particle board. The product information shall include information regarding the test results (Annex C, column 1, 2 or 3).</p>	<p>N/R</p>
<p>A.3 Loading capacity The product information shall include the mass M in kg for which the extension element will fulfil the requirements of this document.</p>	<p>N/R</p>
<p>A.4 Open stops The product information shall include information regarding the provision of end stops in the open position.</p>	<p>N/R</p>
<p>A.5 The maximum height of the front The product information shall include information on the max. height of the front.</p>	<p>N/R</p>
<p>A.6 Other information Other information regarding the test results, e.g. the deflection of front and the deflection of bottom shall be available on request.</p>	<p>N/R</p>

Remark:

1. N/A – Not applicable; N/R – Not requested.
2. Dimension of the testing drawer: 545 mm W x 460 mm D x 120 mm H, with weight of 4.9 kg.
3. For the sample information and pictures, please refer to the following page.



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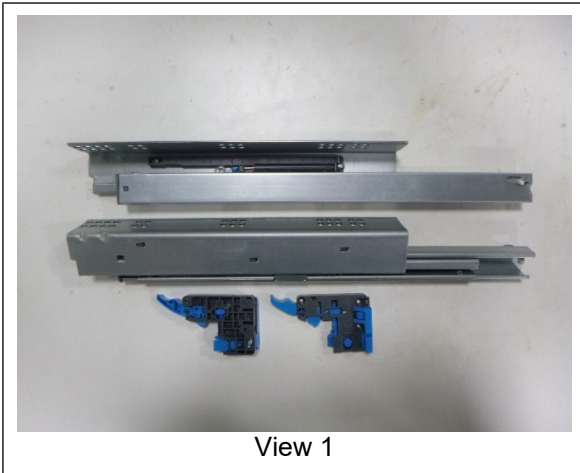
SAMPLE INFORMATION AND PICTURES

Weight: 981.5 g/piece

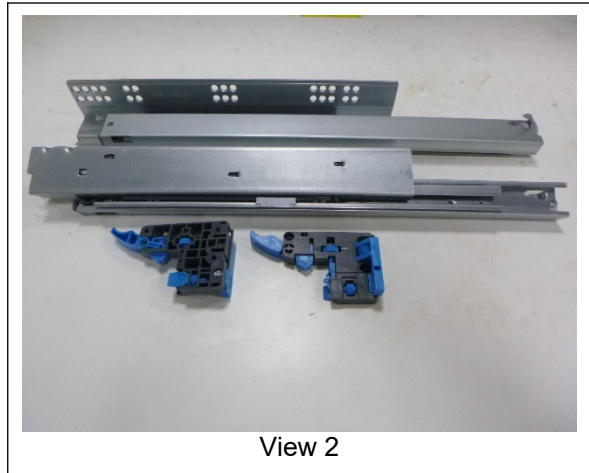
Overall Dimensions: 452 mm L

Other Dimensions: /

Sample as Received



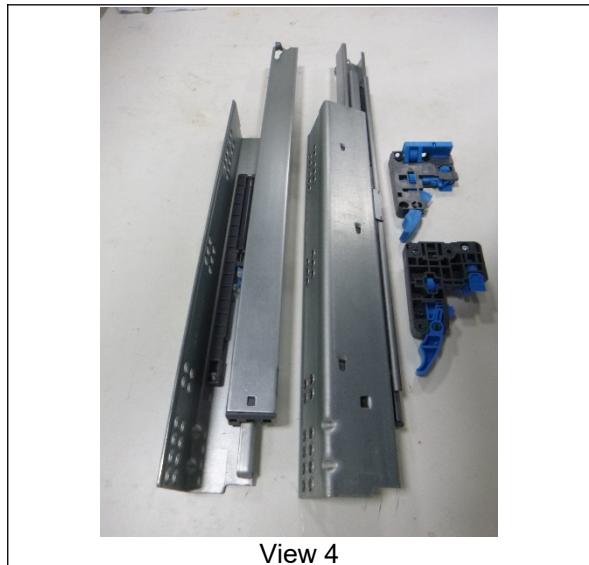
View 1



View 2



View 3



View 4

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

End of Report



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