

Test Certificate

This certificate confirms that the

L46199 SOFT CLOSING, BALL BEARING SLIDES

Manufactured/Supplied by

 TRADE SECRET

has been tested at FIRA International Limited and successfully satisfied the applicable test requirements from:

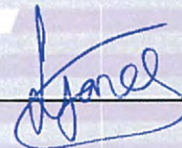
BS 4875-7:2006 Test Level 3

BS 6222-2:1997 Test Level H

According to the L46199 Soft Closing, Ball Bearing Slides are therefore considered to be structurally suitable for general domestic / Heavy Kitchen use. Based on the testing performed on GS-4070 Soft Closing, Ball Bearing Slides (TSCAF16515/A).

Report reference: TSCAF16515/B refers

SIGNATURE



Liam Jones

POSITION

Section Leader - Cabinets

CERTIFICATE DATE

21 May 2007

For and on behalf of FIRA INTERNATIONAL LIMITED

TECHNICAL REPORT



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 TRADE SECRET

Our Ref: **TSCAF16515/B**
Date: 21 May 2007
Delivery Date: 23 April 2007
Test Dates: 08 – 21 May 2007
Customer Ref.:

For the attention of Hsu Mark

SAMPLE(S) FOR TEST :

L46199 Soft Closing, Ball Bearing Slides

TEST REQUIREMENTS :

BS 4875-7:2006 Test Level 3

BS 6222-2:1997 Test Level H

RESULT :

PASS

PASS

FIRA is a UKAS TESTING Laboratory No. 0174

Tests marked "Not UKAS Accredited" in this Report are not included in the UKAS Accreditation Schedule for our laboratory.

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation.

This Report relates to the sample(s) submitted for test and no others. Additions, deletions or alterations are not permitted.

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Tests are carried out on the understanding that neither the Association nor its officers can accept any legal responsibility for information or advice given or opinions expressed whether in response to specific enquiries or otherwise.

This Report is given subject to the Terms of Business of FIRA International which are available from the Secretary at the address shown.



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TSCAF16515/B
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FIRA International Limited

A member of the TTL Chiltern Group
of companies

Registered Office:
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Buckinghamshire HP14 4ND, UK.

Registered No 3181481 England

TECHNICAL REPORT

DESCRIPTION

Item: L46199 Soft Closing, Ball Bearing Slides

Supplied by:  TRADE SECRET

See Plates: One – Two

Overall Dimensions: 596 mm wide x 140 mm High x 465 mm Deep

Item	Description
Material / Thickness	18 mm thick Test Carcase
Number / Description of Drawers:	One
Runner Manufacturer:	Sun Chain Trading Co. LTD.
Runner Type:	Double Extension Caged Ball Race
Runner Extension:	490 mm
Drawer Materials:	18 mm Thick Test Drawer

All dimensions are approximate.



TECHNICAL REPORT

BS 4875-7:2006 – DOMESTIC AND CONTRACT STORAGE FURNITURE – PERFORMANCE REQUIREMENTS

The tests required were carried out in accordance with the Standard. Details of the loads applied and their positions of application are retained at FIRA and are available on request.

Item: L46199 Soft Closing, Ball Bearing Slides

Initial Inspection: No apparent faults

Conditioning: N/A

TEST	RESULT	TEST	RESULT
<u>Carcase -Top & Bottom Surface</u>			
6.2.2 - Static Load Test for Tops and Bottoms	N/A	<u>Extension Elements</u>	
6.2.1. –Sustained Load Test for Tops and Bottoms		7.5.2 – Strength of Extension Elements	PASS
<u>Shelves</u>		7.5.3 – Durability of Extension Elements	PASS
6.1.4. –Strength of Shelf Supports	N/A	7.5.4 – Slam Open/Shut of Extension Elements	PASS
6.1.3 – Deflection of Shelves		7.5.5 - Displacement of Extension Element Bottoms	N/A
<u>Clothes Rail</u>	N/A	7.5.6 – Interlock Test	
6.3.1 – Strength of Clothes Rail Supports		<u>Locking & Latching Mechanisms</u>	N/A
6.3.2 – Dislodgement of Clothes Rails		7.6.2 – Strength Test for Locking and Latching mechanism for Extension Elements	
<u>Doors</u>	N/A	7.6.3 - Strength Test for Locking and Latching mechanism for Flaps and Roll Fronts	
7.1.2.1 – Vertical Load on Pivoted Doors		<u>Carcase</u>	N/A
7.1.2.2 - Horizontal load on Pivoted Doors		6.4.1 - Test for Structure and Underframe	
7.2.3 – Durability of Sliding Doors and Horizontal Roll Fronts		6.4.3 – Test for units with castors or wheels	
7.1.3 – Slam Shut test of Pivoted Doors		8.1.3 – Sustained Load Test	
7.1.4 – Durability of Pivoted Doors		8.1.4 – Dislodgement Test	
7.2.2 – Slam Shut/Open of Sliding Doors and Horizontal Roll Fronts			
<u>Flaps</u>			
7.3.1 - Strength of Bottom Hinged Flaps	N/A		
7.3.2 – Durability of Flaps			
7.3.3 – Drop test for Hinged Flaps			
<u>Roll Fronts</u>			
7.4.2 – Durability of Vertical Roll Fronts	N/A		
7.4.1 – Slam Shut/Open of Vertical roll Fronts			



TECHNICAL REPORT

BS 6222: (1997) – DOMESTIC KITCHEN EQUIPMENT – PART 2: SPECIFICATION FOR STRUCTURAL PERFORMANCE REQUIREMENTS AND METHODS OF TEST FOR FITTED KITCHEN UNITS

The tests required were carried out in accordance with the Standard. Details of the loads applied and their positions of application are retained at FIRA and are available on request.

Item: L46199 Soft Closing, Ball Bearing Slides

Initial Inspection: No apparent faults

Conditioning: N/A

Test Level: H

TEST	RESULT
<u>Carcase</u>	N/A
Strength of carcase and underframe	
Ability of rails to withstand sudden lifting	
Strength of shelf supports	
Deflection of shelves	
<u>Worktops</u>	N/A
Strength (all types)	
Wear and fatigue:	
Cantilever type	
Hinged type	
Sliding type	
<u>Strength of bottom surfaces of floor units</u>	N/A
<u>Pivoted doors</u>	N/A
Strength	
Slam open	
Slam shut	
Wear and fatigue	

TEST	RESULT
<u>Sliding doors</u>	N/A
Wear and fatigue	
Slam shut	
Slam open	
<u>Flaps</u>	N/A
Strength	
Slam shut	
Slam open	
Wear and fatigue	
<u>Drawers</u>	
Downward static load	PASS
Slam shut	PASS
Slam open	PASS
Retention of bottom surfaces	N/A
Wear and fatigue:	
Cutlery drawers	PASS
Pan drawers	
<u>Strength of handles</u>	N/A



TECHNICAL REPORT

CONCLUSION

The L46199 Soft Closing, Ball Bearing Slides, as previously described, successfully satisfied the applicable test requirements from BS 6222-2:1997 Test Level H & BS 4875-7:2006 Test Level 3.

Tested by: L Jones

Reported & Approved by: L Jones
Section Leader - Cabinets



TECHNICAL REPORT



Plate 1: L46199 Soft Closing, Ball Bearing Slides (carcase member)



Plate 2: L46199 Soft Closing, Ball Bearing Slides (Drawer Member)