

Test Certificate

This certifies that the one pair of Silent Soft Closing Hinges from the 300 Hinge Range supplied by Toucan Limited and tested at FIRA International Limited, successfully satisfied the applicable test strength and durability requirements for pivoted doors of BS 6222-2:1997 Test Level H when bolted to a 600 Drawerline Base Unit Door Test Carcase.

Report reference: TSCAF06701/AKW refers.

SIGNATURE



Alastair Windler

POSITION

Section Leader – Tables & Cabinets

CERTIFICATE DATE

01 August 2005

For and on behalf of FIRA INTERNATIONAL LIMITED
TERMS AND CONDITIONS OVERLEAF

This certificate only relates to the sample(s) supplied and tested at the time. Re-testing at intervals is recommended and should be subject to agreement between the supplier and the purchaser.



0174

Maxwell Road, Stevenage,
Hertfordshire SG1 2EW, England.

Telephone +44 (0) 1438 777700
Facsimile +44 (0) 1438 777800

e-mail: info@fira.co.uk
website: www.fira.co.uk

Toucan Limited

Unit 1 Express Park
Garrard Way
Kettering
Northamptonshire
CV7 9JY

Our Ref.: **TSCAF06701/AKW**

Your Ref.: PO No. 9021

Date: 01/08/05

Date delivered: 22/06/05

Date of tests: 29/06/05 – 27/07/05

For the attention of Mr N Kingdom

SAMPLE(S) FOR TEST:

One pair of "Silent Soft Closing Hinges from the 300 Hinge Range" bolted to a 600 Drawerline Base Unit Door Test Carcase

TEST REQUIREMENTS:

RESULT:

BS 6222-2:1997 Test Level H (Pivoted Doors Tests)

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.

Test reports are given to the client in confidence, and may only be reproduced in whole or in part with written permission from FIRA. Note that the words "tested by FIRA" may be used in subsequent publicity for the product; "approved" must not be used.

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.



0174

TSCAF06701
Page 1 of 8

FIRA International Limited

A member of the TTL Chiltern Group
of Companies

Registered Office:
Chiltern House, Stocking Lane,
Hughenden Valley, High Wycombe,
Buckinghamshire HP14 4ND, UK.

Registered No. 3181481 England

PRODUCT DESCRIPTION

Product descriptions produced by FIRA International Ltd give basic Construction, Material and Dimensional information and are not intended to represent a complete product specification. Overall product dimensions will be recorded accurately. Where variations in material thickness occur dimensions will be taken as standard thickness.

PARTS LIST:

Enquiry No:	TSCAF06701
Item:	One pair of "Silent Soft Closing Hinges from the 300 Hinge Range" bolted to a 600 Drawerline Base Unit Door Test Carcase
See Plates:	One – Six (Note that photos were taken on completion of testing)
Carcase information:	Test Carcase: Drawerline Base Unit
Carcase material:	18 mm thick MFC
Door information:	One door pivoted on two hinges
Door material/dimensions:	18 mm thick MFC x 599 mm wide x 570 mm high
Hinge type:	90° opening angle concealed clip hinge fitted with gas cylinder to control door closure.
Hinge manufacturer:	Information not provided.
Hinge model:	Hinge cup stamped with "SILENCE GERMANY"
Mounting plate model:	Marked with "HG-B-H0"



0174

TSCAF06701
Page 2 of 8

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: One pair of “Silent Soft Closing Hinges from the 300 Hinge Range”

Enquiry No: TSCAF06701

Initial Inspection: No apparent faults

Conditioning: N/A

Test Level: H

TEST	RESULT	TEST	RESULT
<u>Carcase</u>		<u>Sliding doors</u>	N/A
Strength of carcase and underframe	N/R +	Wear and fatigue	
Ability of rails to withstand sudden lifting	N/R +	Slam shut	
Strength of shelf supports	N/A	Slam open	
Deflection of shelves	N/A	<u>Flaps</u>	N/A
<u>Worktops</u>	N/A	Strength	
Strength (all types)		Slam shut	
Wear and fatigue:		Slam open	
Cantilever type		Wear and fatigue	
Hinged type		<u>Drawers</u>	
Sliding type		Downward static load	N/R +
<u>Strength of bottom surfaces of floor units</u>	N/R +	Slam shut	N/R +
<u>Pivoted doors</u>		Slam open	N/R +
Strength	PASS *	Retention of bottom surfaces	N/R +
Slam open	PASS	Wear and fatigue:	
Slam shut	PASS *	Cutlery drawers	N/R +
Wear and fatigue	PASS *	Pan drawers	N/A
		<u>Strength of handles</u>	N/A

COMMENTS

+ Not Required for pivoted door (hinge) testing.

See Comments.



0174

TSCAF06701
Page 3 of 8

