

# TECHNICAL REPORT



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Our Ref: **TSCAF16973**  
Date: 05 July 2007  
Delivery Date: 12 June 2007  
Test Dates: 25 June – 02 July 2007

For the attention of David Grant

## **SAMPLE(S) FOR TEST :**

One, 551H5101B TANDEM Runner Hook + Peg Variant With Integrated BLUMOTION For Wooden Drawer

## **TEST REQUIREMENTS :**

BS 4875-7: 2006 Test Level 3

## **RESULT :**

PASS

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# TECHNICAL REPORT

## DESCRIPTION

Item: 551H5101B TANDEM Runner Hook + Peg Variant With Integrated BLUMOTION For Wooden Drawer

Manufacturer: Blum UK Limited

See Plate: One

Overall Dimensions: 600 Wide x 430 mm High x 600 mm Deep

ITEM	DESCRIPTION
Carcase Material / Thickness:	15 mm thick MFC carcase
Number/description of drawers	Two
Runner manufacturer	Blum
Runner type	Double extension caged ball
Runner extension	392 mm
Drawer materials	19 mm thick timber drawer front 15 mm thick timber sides 3 mm thick hardboard base

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. Where applicable details of the loads applied and their positions of application are retained at FIRA and are available on request.

**Item:** 551H5101B TANDEM Runner Hook + Peg Variant With Integrated BLUMOTION For Wooden Drawer

**Initial Inspection:** No apparent faults **Conditioning:** N/A

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



# TECHNICAL REPORT

## CONCLUSION

The 551H5101B TANDEM Runner Hook + Peg Variant With Integrated BLUMOTION For Wooden Drawer, as previously described, successfully satisfied the selected strength and durability test requirements from BS 6222-2:1997 to test level H.

Tested by: Liam Jones  
Reported by: Aaron Hull  
Approved by: Liam Jones  
Section Leader - Cabinets



# TECHNICAL REPORT



Plate 1: 551H5101B TANDEM Runner Hook + Peg Variant With Integrated BLUMOTION For Wooden Drawer (Front View)