

Test Report

Sponsor:
Falcon Panel Products Ltd
Clock House
Station Approach
Shepperton
Middlesex
TW17 8AN

CONFIDENTIAL

Report: BMT/MTP/F13109/Rev1
Report on testing of a doorset to BS EN 1191

Issue date: November 2014



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Results of Test: BMT/MTP/F13109/Rev1

Falcon Panel Products Ltd

Clock House
Station Approach
Shepperton
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This document confirms that performance testing was conducted from 3 January 2014 to 9 October 2014. Testing was conducted to the following standards:

- BS EN 1191: 2000 Windows and doors resistance to repeated opening and closing.
- BS EN 12046-2: 2000 Operating forces – Test method

The following results were achieved:

Product tested		Strebord 44 single leaf doorset (inward opening)	
Summary of testing procedure			Result
	Test Standard	Classification Standard	
Resistance to repeated opening and closing	BS EN 1191: 2000	BS EN 12400: 2002	Class 8 (1,000,000 cycles)
Operating forces	BS EN 12046-2: 2000	BS EN 12217: 2003	Class 2

The results relate only to the specimens tested, as detailed in the technical specification

Revision 1 – Change to handle details on page 4.



James Bacchus - Technical Officer

Vincent Kerrigan - Technical Manager

Issue date: 18th November 2014

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Technical specification

Report: BMT/MTP/F13109/Rev1

Test For: Falcon Panel Products Ltd, Clock House, Station Approach, Shepperton, Middlesex, TW17 8AN.

Performance testing to BS EN 1191: 2000 was conducted on your doorset from 3 January 2014 to 9 October 2014. The technical specification is detailed below. The specimen was delivered to BM TRADA laboratory on 1 January 2014.

Description of construction

The specimen was identified as a Strebord 44 single leaf doorset (inward opening). The overall frame dimensions were 996mm wide x 2081mm high x 90mm deep and leaf dimensions were 926mm wide x 2040mm high x 44mm thick. The specimen was locked with a removable key.

Door leaf

	Material/type	Dimensions (mm)	Density (kg/m ³)
Core	Strebord* Particleboard	44 thick	580*
Lippings	Sapele* (vertical edges only)	8 wide	640*
Facings	Paper	0.1 nominal	-
Adhesive	PVA*	-	-

* As stated by client, not checked by laboratory

Door frame

	Material/type	Dimensions (mm)	Density (kg/m ³)
Head & jambs	Sapele*	32 x 90	640*
Stops	Sapele*	12 x 32	640*
Rebate	Single type	12 x 46	-
Adhesive	PVA*	-	-
Joints	Trenched	-	-

* As stated by client, not checked by laboratory

Perimeter sealing details

	Make/type	Size (mm)	Location
Leaf Edges	None Present	-	-
Frame reveal	None Present	-	-
Threshold	None Present	-	-
Seal continuity	Not applicable	-	-

* As stated by client, not checked by laboratory

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Hardware

		Make/type	Size (mm)	Fixing details (dimensions in mm)
Hinges		3No. Royde and Tucker Hi-Load 101 butt hinges (Ref. H101)*	100 x 32 blade size	5No. 4.3 x 24 screws into frame 5No. 4.3 x 40 screws into frame
Locking mechanism		Winkhaus AV2 espagnolette lock (Ref. 255987/2559721)*	20 x 1770	12No. 4.2 x 35 screws into leaf
Keeps	Upper & lower	Winkhaus AV2 (Ref. 4933948)*	36 x 175	4No. 4.1 x 25 screws into frame
	Centre	Winkhaus AV2 (Ref. 5010384/5010383)*	36 x 232	3No. 4.1 x 24 screws into frame
Cylinder		Winkhaus XR6 Kitemark euro-profile cylinder*	70 long	1No. M5 x 65 machine screw
Handle		Winkhaus Palladio handle*	130 lever length	3No. M5 x 56 machine screws

* As stated by client, not checked by laboratory

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