



CONFIDENTIAL

Report: Chilt/05019/rev2

**Report on the testing of a door to
clauses of PAS 23-1 and PAS24-1**

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**Prepared for:
Pacific Rim Wood Limited
Unit 3, Kingdom Fields
Bratton Flemming
Barnstaple
North Devon
EX31 4EN**

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Test Certificate: Chilt/P05019/rev2

This certificate is awarded to:

Pacific Rim Wood Limited
Unit 3, Kingdom Fields
Bratton Fleming
Barnstaple
North Devon
EX31 4EN

This document confirms that performance testing to PAS 23-1: 1999, Amendments 1 and 2 and Corrigendum 1 General performance requirements for door assemblies, and PAS 24-1: Amendments 1 and 2 1999, Enhanced security performance requirements for door assemblies, was conducted on your specimens from 20 September to 23 September 2005 and the following results were achieved.

Summary of testing procedure	Result
PAS 23-1: 1999 – Clause 6.10	Pass
PAS 24-1: 1999 - Clause A.6, A.7, A.10	Pass

Revision 2 change of Client address

The results relate only to the specimens tested, as detailed in technical specification document number Chilt/P05019/tec1/rev2

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Date: 3 March 2011

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Date: 03-03-2011

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Technical specification document

No: Chilt/P05019/tec1/rev2

Test For: Pacific Rim Wood Limited, Unit 3, Kingdom Fields, Bratton Fleming, Barnstaple, North Devon. EX31 4EN

Performance testing to PAS 23-1: 1999 and PAS 24-1: 1999, was conducted on your specimens from 20 September to 23 September 2005, and the technical specification of the specimens is detailed below.

Description of construction

The specimens were identified as FLAMEBREAK 4.30 door leaf and timber frame with overall frame dimensions of 1345mm wide x 2034mm high x 90mm deep and leaf dimensions of 1242mm wide 1978mm high x 44mm thick. The specimens were locked with a non removable key.

Door leaves (Flamebreak 4.30)

	Material/type	Dimensions (mm)	Density (kg/m ³)
Core	Albisia falcata	3No sheets 9 thick	280*
Facings	MDF	9 thick	700**
Adhesive	Facing	Polyvinyl Acetate	-
Lippings	Light red Meranti - all faces	10 thick	400 - 510*
Finish	Sikens 045 Mahogany stain	-	-

* Stated density, not checked by laboratory

** Nominal density

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Door frame

	Material/type	Dimensions (mm)	Density (kg/m ³)
Head & jambs	Sapele	90 wide x 70 thick	640**
Stops	Integral	45 wide x 20 deep	-
Joint	Mortice and tenon with 2No 5mm x 100 wood screws at each joint	-	-
Adhesive	Pro 30 D Fudal Din EN204	-	-

* Stated density, not checked by laboratory

** Nominal density

Ironmongery

	Make/type	Size (mm)	Fixing details (dimensions in mm)
Hinges	Lloyd Worrall No. 899 double pressed butt hinges	100 high x 30 wide (blade size)	4No 5 x 44 wood screws per blade
Locking mechanism	Mul-T-Lock ref ML240	250 high x 23 wide	2No 4 x 50 wood screws
Keep	Supplied with lock	250 high x 30 wide	4No 4 x 30 wood screws
Handles	Mul-T-Lock Junior	127 lever length 30 Diameter	6No 6 x 50 machine screws
Cylinder	Mul-T-Lock European profile ref 51102134	-	2No 8 x 32 machine screws and lock nuts