



**CONFIDENTIAL**

**Report: Chilt/P11128**

**Certificate report on the testing of a  
door leaf to the principles of the relevant  
clauses of  
PAS 24**

**Issue date: January 2012**



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

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## Results of Test: Chilt/P11128

### Pacific Rim Wood Limited

Unit 3, Kingdom Fields  
Bratton Fleming  
Barnstaple  
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This document confirms that performance testing was conducted on 15 November 2011. Testing was conducted to the principles of the following standard:-

- PAS 24-1: 2007 + A1: 2009 Enhanced security performance requirements for door assemblies - Part 1: Single and double leaf, hinged external door assemblies to dwellings. The following results were achieved

<b>Product tested</b>	<b>Flamebreak 430 Glazed Door Leaf</b>	
<b>Summary of testing procedure</b>		<b>Result</b>
PAS 24-1: 2007 + A1: 2009 - Clauses A.5.2, A.5.3 and A.9		Pass

Glazing system has passed for the requirements of both key removable and thumbturn locks

The results relate only to the specimen tested, as detailed in the technical specification Chilt/P11128/tec1

*S.S.S.S*  
Steve Smith – Deputy Section Head  
Date: *03/01/12*

*[Signature]*  
Vincent Kerrigan - Technical Manager  
Date: *03-01-2012*

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## Technical specification document

No: Chilt/P11128/tec1

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

Performance testing to the principles of PAS 24-1: 2007 + A1: 2009 was conducted on your door leaf on 15 November 2011. The technical specification is detailed below. The specimen was delivered to Chiltern Dynamics laboratory on 1 November 2011.

### Description of construction

The specimen was identified as a Flamebreak 430 Glazed Door Leaf. The leaf dimensions were 900mm wide x 2040mm high x 44mm thick.

#### Door leaf

		Material/type	Dimensions (mm)	Density (kg/m <sup>3</sup> )
Lock stile		Mixed tropical hardwood	35 x 13	480*
Hinge stile		Mixed tropical hardwood	35 x 15	480*
Inner hinge stile		Mixed tropical hardwood	35 x 20	480*
Top rail		Mixed tropical hardwood	35 x 26	480*
Core		Albisia Falcata	3 layers 12 thick x 45 wide horizontal and vertical lamels	280*
Facings	Inner	Plywood	4 thick	400*
	Outer	Plywood	4 thick	400*
Adhesive	Facing	Melamine Urea*	-	-
	Core	PVA*	-	-

\* As stated by client, not checked by laboratory

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**Glazing**

		Make/type/size (mm)	Location (dimensions in mm)
Glass type & configuration		10 thick glass	-
Overall size		185 wide x 1485 high	-
Sight size		160 wide x 1460 high	-
Glazing tape		Univar Speciality Consumables 10 x 1 low density foam (Ref. 485)*	Between external bead and glass
Bead		Maple (Nominal 720 kg/m <sup>3</sup> )* 21.5 x 20	Internally and externally beaded
Bead fixing	Internal	30 x 1.5 glazing pins	50 from corners and nominal centres of 50
	External	4 x 38 security screws	50 from corners and nominal centres of 50

\* As stated by client, not checked by laboratory