



**CONFIDENTIAL**

**Report: Chilt/P10098/01**

**Certificate report on the testing of a door to relevant clauses of DD171**

**Issue date: October 2010**



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**Prepared for:  
Egger (UK) Ltd  
Anick Grange Road  
Hexham  
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NE46 4JS**

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## Results of Test: Chilt/P10098/01

**Egger (UK) Ltd**  
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This document confirms that performance testing was conducted from 24 August 2010 to 26 August 2010. Testing was conducted to the following standards:-

- DD171: 1987, Draft for development Guide to specifying performance requirements for hinged or pivoted doors,
- BS EN 1192: 2000 Doors – Classification of strength requirements
- BS EN 12217: 2003 Operating forces. Requirements and classification

Product tested	44mm Pre Lipped Door (Inward Opening)
<b>Summary of testing procedure</b>	
DD171 Clauses 4.3, 4.4, 4.9, 4.10 and 4.11	<b>Result</b> Severe duty
EN947, EN948, EN949 and EN950 (Classified to BS EN 1192)	Severe duty
BS EN 12046-2: 2000 (Classified to BS EN 12217: 2003)	Class 2

The results relate only to the specimen tested, as detailed in the technical specification Chilt/P10098/tec1

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Date: 19-10-2010

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Vincent Kerrigan - Technical Manager  
Date: 19-10-2010

### Chiltern Dynamics

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## Technical specification document

No: Chilt/P10098/tec1

Test For: Egger (UK) Ltd, Anick Grange Road, Hexham, Northumberland, NE46 4JS.

Performance testing DD171: 1987, Clauses of BS EN 1192: 2000 and BS EN 12217: 2003 was conducted on your doorsets from 24 August 2010 to 26 August 2010. The technical specification is detailed below. The specimen was delivered to Chiltern Dynamics laboratory on 23 August 2010.

### Description of construction

The specimen was identified as 44mm Pre Lipped Door (Inward Opening). The overall frame dimensions were 1005mm wide x 2168mm high x 70mm deep and leaf dimensions were 928mm wide x 2122mm high x 44mm thick. The specimen was a non key locking.

#### Door leaf

	Material/type	Dimensions (mm)	Density (kg/m <sup>3</sup> )
Core	44mm Egger Eurospan FD30	44 thick	540*
Adhesive	PVA Glue*	-	-
Lippings	Maple on all sides	8 thick	560*

\* As stated by client, not checked by laboratory

#### Door frame

	Material/type	Dimensions (mm)	Density (kg/m <sup>3</sup> )
Head & jambs	European Redwood	70 x 32	480*
Stops	European Redwood fixed with 8No. 4 x 40 screws	20 x 12	480*
Threshold	None present	-	-
Joints	Mortice and tenon fixed with 2No. 5 x 70 screws	-	-

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## Hardware

	Make/type	Size (mm)	Fixing details (dimensions in mm)
Hinges	Royde and Tucker Hiload 105 Hinges*	98 x 34	3No. 5 x 30 screws into frame 3No. 5 x 30 screws into leaf
Locking mechanism	Chubb (Ref. 25411-0001)*	175 x 25	4No. 4 x 32 screws
Centre keep	Chubb (Ref. 25411-0001)*	125 x 36	2No. 4 x 24 screws
Handles	Architectural Quality Hardware (Ref. SAA22)*	104 x 42	4No. 3.5 x 20 screws

\* As stated by client, not checked by laboratory

## Perimeter sealing details

	Make/type	Size (mm)	Location
Door Edges	None present	-	-
Intumescent	Lorient 617*	15 x 4	Head and stiles of door frame
Seal continuity	Intumescent interrupted by hinges and keep	-	-

\* As stated by client, not checked by laboratory