



CONFIDENTIAL

Report: Chilt/P13058

**Report on the testing of a doorset to
relevant clauses of DD171**

Issue date: May 2013



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

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Certificate of Test: Chilt/P13058

Egger (UK) Limited

Anick Grange Road
Hexham
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NE46 4JS

This document confirms that performance testing was conducted on 30th April 2013. Testing was conducted to the following standard:-

- DD 171: 1987, Draft for development Guide to specifying performance requirements for hinged or pivoted doors
- BS EN 1192: 2000 Doors - Classification of strength requirements. The following results were achieved.

Product tested	Egger FD30 44mm door blank with 2mm ABS Edging	
	Summary of testing procedure	Result
	DD171 Clauses 4.3, 4.4, 4.9, 4.10 and 4.11	Severe duty
	BS EN 947, BS EN 948, BS EN 949 and BS EN 950 (classified to BS EN 1192)	Severe duty (Class 4)

The results relate only to the specimen tested, as detailed in the technical specification Chilt/P13058/tec1

Kyle Morris

Kyle Morris – Technical Officer

Date: 09.05.13

Vincent Kerrigan

Vincent Kerrigan - Technical Manager

Date: 09-05-2013

Chiltern Dynamics

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Technical specification document

No: Chilt/P13058/tec1

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

Performance testing DD 171: 1987 and BS EN 1192: 2000 was conducted on your doorset on 30th April 2013. The technical specification is detailed below. The specimen was delivered to Chiltern Dynamics laboratory on 26th April 2013.

Description of construction

The specimen was identified as an Egger FD30 44mm Door blank with 2mm ABS Edging. The overall frame dimensions were 989mm wide x 2180mm high x 70mm deep and leaf dimensions were 919mm wide x 2135mm high x 44mm thick.

Door leaf

	Material/type	Dimensions (mm)	Density (Kg/m ³)
Core	Egger Eurospan*	44 thick	540*
Lipping	Egger ABS plastic edging on hinge and lock edge only	2 thick	1150 – 1160*
Adhesive	Polyurethane Hot melt*	-	-

* As stated by client, not checked by laboratory

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Door frame

	Material/type/size (mm)	Dimensions (mm)	Density (Kg/m ³)
Head & jambs	European Redwood	70 x 32	480*
Stops	European Redwood fixed with 23No. 4 x 30 screws, 30 from corners, centres of Min. 220 and Max. 300	20 x 12	480*
Rebate	Single type	45 x 12	-
Threshold	None present	-	-
Joints	Mortice and tenon fixed with 2No. 5 x 80 screws	-	-

* As stated by client, not checked by laboratory

Hardware

	Make/type	Size (mm)	Fixing details (dimensions in mm)
Hinges	3No. Royde and Tucker Hi-Load (Ref. H102)*	100 x 88	5No. 5 x 30 screws into frame 5No. 5 x 70 screws into leaf
Locking mechanism	Laidlaw* no further details supplied by client	235 x 24	2No. 4.5 x 30 screws into leaf
Latch Keep	Laidlaw* no further details supplied by client	173 x 40	3No. 3 x 25 screws into frame
Handles	Hafele (Ref. 903.91.358)*	130 lever length	2No. 4 x 55 machine screws

* As stated by client, not checked by laboratory

Perimeter sealing details

	Make/type	Size (mm)	Location
Frame reveal	Pyroplex (Ref. 8700)* rigid box seal	15 x 4	On rebate platform of head and jambs only
Seal continuity	Seals interrupted by hardware	-	-

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