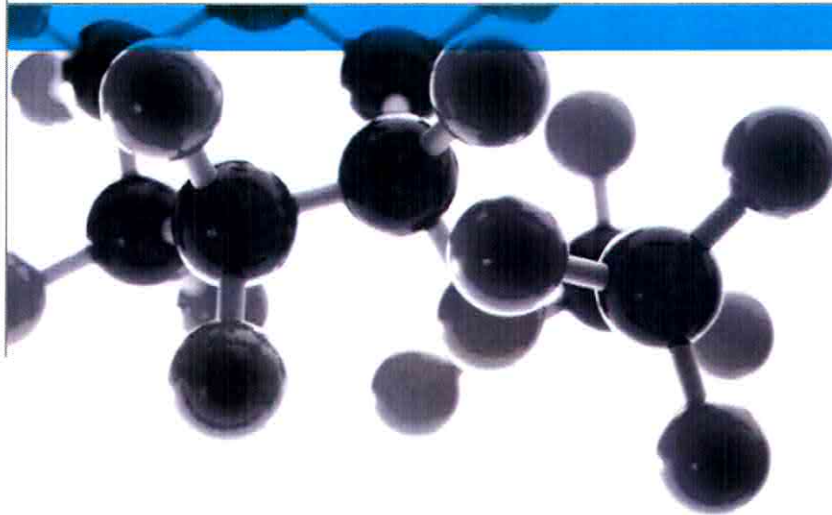


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EN 12051:1999



TESTS OF DOOR AND WINDOW BOLTS

A Report To: Eurolever Architectural Hardware Ltd

Document Reference: 304455

Date: 02 August 2011

Copy: 1

Issue No.: 1

Page 1

Testing
Advising
Assuring



TEST CONCLUSIONS

Samples of:

Manufacturer Eurolever Architectural Hardware Ltd
 Product Flush Bolt
 Model SS1932

have been tested in accordance with:

EN12051:1999 Building Hardware-Door and Window Bolts

by Exova Warringtonapt [a UKAS accredited Testing Laboratory (No. 0621).and EC Notified Body number 1104]

At Key Industrial Park, Fernside Rd., Willenhall, West Midlands. WV13 3YA.

Results as detailed below:

Clause No.	Description	Compliance
4.1	Category of Use-Grade 3	Yes
4.2	Number of test cycles-Grade 3	Yes
4.4	Fire Safety-Grade 1	Yes
4.5	Safety in Use-Grade 1	Yes
4.5.1	Operation against a moderate side load-Grade 1	Yes
4.5.2	Operation after a heavy side load-Grade 1	Yes
4.6	Corrosion Resistance-Grade 2	Yes
4.6.1	Protection requirement	Yes
4.6.2	Test requirement	Yes
4.7	Security-Grade 1	Yes
4.7.1	Resistance to end load-Grade 1	Yes
4.7.2	Resulting projection-Grade 1	Yes
4.7.3	Resistance to sawing-Grade 1	N/a
4.7.4	Resistance to side load-Grade 3	Yes

Classification achieved

Category of duty	Number Of test cycles	Test door mass	Fire resistance	Safety In use	Corrosion resistance	Security
3	3	-	1	1	2	1

No inferences can be made regarding performance against other requirements of this standard

NOTE.

These tests are not covered by the Laboratory UKAS accreditation schedule.

Tests marked "NA" are not applicable to the type of device under test.

Tests marked "NT" not be applied to the device under test.

AUTHORISATION

Tests performed by: Ian Keeling, Operations Manager	
Report issued by: Ian Keeling, Operations Manager	
Signed <i>Ian Keeling</i>	
Date 02 August 2011	
For and on behalf of Exova Warringtonapt	
Report authorised by: Steve Wilkes, Deputy Operations Manager	
Signed <i>Steve Wilkes</i>	
Date 02 August 2011	
For and on behalf of Exova Warringtonapt	
Report issued: 02 August 2011	
	<p>NOTE.</p> <p>These tests are not covered by the Laboratory UKAS accreditation schedule.</p> <p>Tests marked NT were not tested</p> <p>Tests marked NA are not applicable to the product on test.</p> <p>The laboratory has tested the products supplied by the client as sampled in accordance with their own requirements</p>
Exova Warringtonapt is an EC Notified Body Number 1104	

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