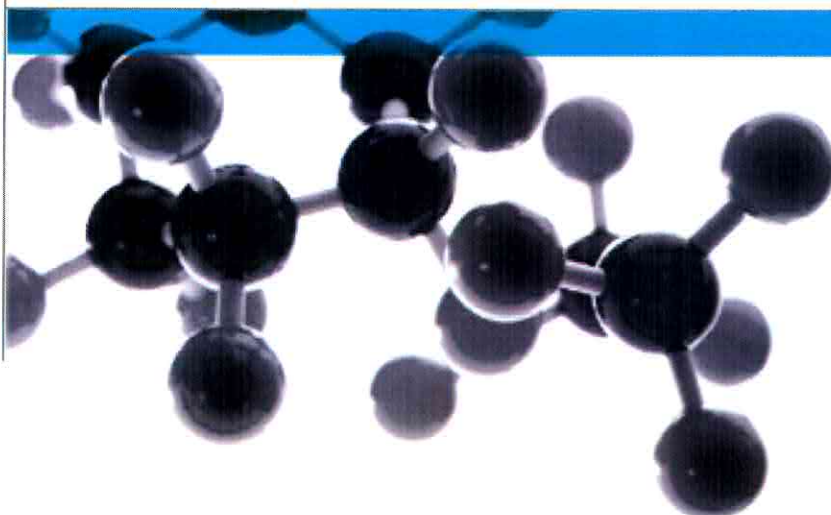


Exova Warringtonapt
Key Industrial Park
Fernside Road
Willenhall
West Midlands
WV13 3YA

T: +44 (0) 1902 722 122
F: +44 (0) 1902 727 242
E: willenhall@exova.com
W: www.exova.com



BSEN 12209:2003



TESTS OF MECHANICALLY OPERATED LOCKS AND STRIKE PLATES

A Report To: Eurolever Architectural Hardware
2 Charles Street
London
W1J 5DB

Date: 13.04.11

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Issue No.: 2

Page 1

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Testing
Advising
Assuring

Registered Office: Exova (UK) Ltd, Lochend Industrial Estate, Newbridge, Midlothian EH28 8PL United Kingdom. Reg No.SC 70429
This report is issued in accordance with our terms and conditions, a copy of which is available on request.



0621

TEST CONCLUSIONS

Samples of:

Product: Mortice Sashlock
 Manufactured by Eurolever
 Model Ref. 1.6
 Size 60mm Backset

have been tested in accordance with:

BS EN 12209:Dec 2003 (Building Hardware – Locks and Latches)

By Exova Warringtonapt a UKAS accredited Testing Laboratory (No. 0621).

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

Results as detailed below:

Clause No.	Description	Compliance
5.1.1	Dangerous substances	Yes
5.1.2	Return force of latchbolt	Yes
5.2	Category of Use - Grade 3	Yes
5.2.1	Resistance to Side Load - Grade 3	Yes
5.2.2	Torque to operate Deadbolt	Yes
5.2.3	Strength of Normal Latch Action and Stops – Grade 3	Yes
5.2.4	Torque resistance of Rim lock with Lockable Handle	N/a
5.3	Durability - Grade X	Yes
5.3.1	Durability of Latch Action – Grade X	Yes
5.3.2	Durability of deadbolt mechanism - Grade X	Yes
5.3.3	Durability of Locking Snib Mechanism - Grade	N/a
5.4	Door mass and Closing Force - Grade 8	Yes
5.4.2	Closing Force	Yes
5.5	Suitability for use on fire/smoke doors	Yes
5.7.1	Corrosion Resistance – Grade F	Yes
5.7.2	Operation at extremes of temperature	Yes
5.8	Security – Grade 2	Yes
5.8.1.1	Torque resistance of knob/lever on bored lock - Grade	N/a
5.8.1.2	Torque resistance of knob/lever on night latch - Grade	N/a
5.8.2.1	Resistance to side load on deadbolt - Grade 3	Yes
5.8.2.2	Resistance to Drilling and Side Load – Grade	N/a
5.8.3	Deadbolt Projection – Grade 7	Yes
5.8.4.1	Resistance to End Load on deadbolt – Grade 2	Yes
5.8.4.2	Resistance to drilling and end load on deadbolt – Grade	N/a
5.8.5	Resistance to pulling of hook/claw bolt - Grade	N/a
5.8.6	Resistance to disengaging of hook/claw bolt - Grade	N/a
5.8.7	Resistance to forcing of locating device in sliding door lock-Grade	N/a
5.8.8	Resistance to pulling off knob on bored lock/latch-Grade	N/a

TEST CONCLUSIONS CONTINUED

Clause No.	Description	Compliance
5.8.9.1	Resistance to end load on box locking plate - Grade	N/a
5.8.9.2	Resistance to side load on locking plate – Grade 2	Yes
5.8.9.3	Resistance to pulling on locking plate - Grade	N/a
5.8.9.4	Resistance to lifting force on locking plate - Grade	N/a
5.9	Field of Door Application - Grade B	Yes
5.9.2	Protection against removal from door	Yes
5.10	Type of Key Operation and Locking - Grade A	Yes
5.10.1	Strength of key	Yes
5.10.2.1	Manual Locking	Yes
5.10.2.2	Manual Locking with intermediate locking positions	N/a
5.10.2.3	Automatic locking deadbolt	N/a
5.10.2.4	Automatic locking latchbolt	N/a
5.10.3	Torque to withdraw the latchbolt with key	Yes
5.11	Type of Spindle Operation – Grade 2	Yes
5.11.1	Torque to withdraw the latchbolt - Grade 2	Yes
5.11.2	Strength of bolt actions	Yes
5.11.3	Minimum follower restoring torque - Grade 2	Yes
5.12	Key Identification Requirements – Grade 0	Yes
5.12.1	Detaining elements - Grade	N/a
5.12.2	Effective differs - Grade	N/a
5.12.3	Differing step heights on key - Grade	N/a
5.12.4	Non-interpassing of keys with just one interval differ-Grade	N/a
5.12.5	Coding protection - Grade	N/a
7	Marking	Pass

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

NOTE.

These tests are covered by the Laboratory UKAS accreditation schedule.
 Tests marked “NA” are not applicable to the type of device under test.
 Tests marked “NT” were not applied to the device under test