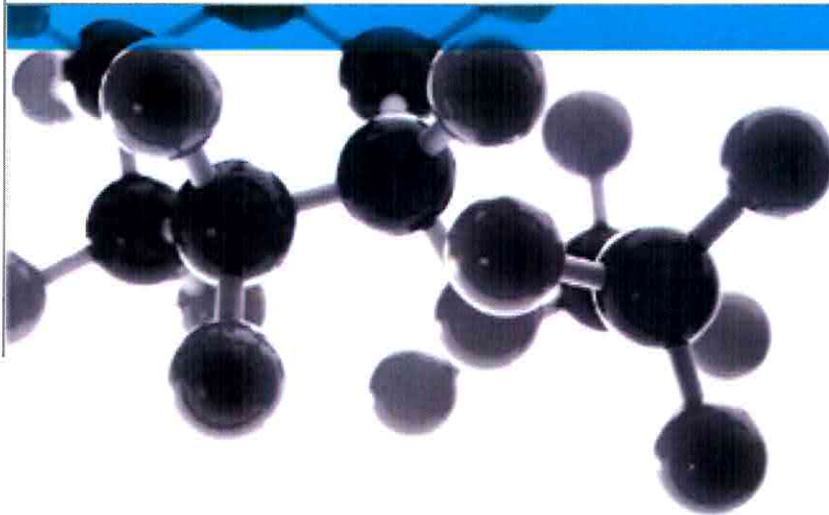


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BSEN 12209:2003



ASSESSMENT OF MECHANICALLY OPERATED LOCKS AND STRIKE PLATES

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

Date: 09.05.11

Copy: Draft

Issue No.: 1

Page 1

Document Reference: 305522

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 Deadlock
 Manufactured by Eurolever
 Model Ref. 4.6
 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	N/a
5.2.2	Torque to operate Deadbolt	Yes
5.2.3	Strength of Normal Latch Action and Stops – Grade 3	N/a
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	N/a
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 0	Yes
5.11.1	Torque to withdraw the latchbolt - Grade	N/a
5.11.2	Strength of bolt actions	N/a
5.11.3	Minimum follower restoring torque - Grade	N/a
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