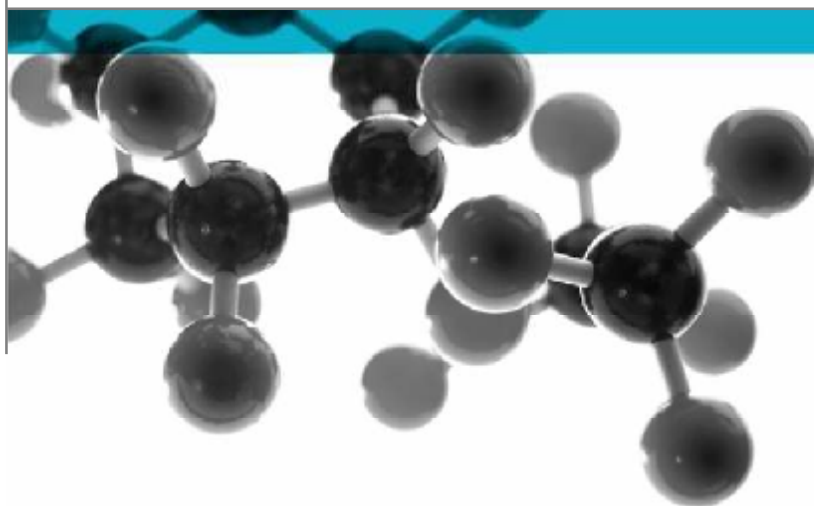


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# BS 8607:2014 Mechanically Operated Push-button Locksets



A Report To: Relcross Ltd

Document Reference: WIL342897

Date: 20-Jan-16

Copy: 1

Issue No.: 2

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Testing  
Advising  
Assuring

## TEST CONCLUSIONS

Samples of:

Manufacturer Relcross

Product Mechanically operated push-button locksets

Model K2100

have been tested in accordance with: BS 8607:2014 Mechanically operated push-button locksets

By Exova Warringtonfire [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 and comments as detailed below:

Clause No.	Description	Compliance
<b>5</b>	<b>Lockset – Grade 3</b>	<b>Yes</b>
5.1.2	Return force of Latch Bolt	Yes
5.2.1	Side load on latch bolt – Grade 4	Yes
5.2.2.2	Max handle operating torque	Yes
5.2.3	Strength of latch action stop- Grade 4	Yes
5.2.4	Torque on locked handle/knob	Yes
5.3.1	Durability/side load on latch bolt- Grade 4	Yes
5.3.2	Durability of security bolt(If separate) - Grade	N/a
5.3.3	Durability of snib mechanism	N/a
5.4	Door mass and closing force	Yes
5.7	Corrosion and Temperature resistance (internal) - Grade	N/a
5.7	Corrosion and Temperature resistance (External) - Grade	Yes
5.8.1.2	Torque on locked handle/knob (attack)	Yes
5.8.2.1	Side load on security bolt – Grade 3	Yes
5.8.3	Projection of security bolt – Grade 4	Yes
5.8.4	End load on security bolt and resulting projection – Grade 3	Yes
5.8.9	End/side load on locking plate – Grade 3	Yes
5.9.2	Resistance to removal from inside(key egress locks only) Grade	N/a
5.12.2	Number of effective combinations – Grade 4	Yes
Annex B	Next closest combination	Yes
EN1906 / 5.4	Axial Strength (where applicable) – Grade 4	Yes
PAS24 / A.3	Resistance to removal from door (where applicable) - Grade	N/a
<b>6</b>	<b>Durability of Keypad – Grade 4</b>	<b>Yes</b>
<b>7</b>	<b>Key override - Grade</b>	<b>N/a</b>
<b>8</b>	<b>General vulnerability assessment – Grade3</b>	<b>Yes</b>
<b>9</b>	<b>Marking</b>	<b>Yes</b>

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

Tests marked “NT” cannot be applied to the type of device under test

## AUTHORISATION

Tests performed by: Ian Keeling, Business Unit Manager	
Report issued by: Ian Keeling, Business Unit Manager	
Signed 	
Date 20 January 2016	
For and on behalf of Exova Warringtonfire	
Report authorised by: Steve Wilkes, Deputy Business Unit Manager	
Signed 	
Date 20 January 2016	
For and on behalf of Exova Warringtonfire	
<b>Report issued: 20 January 2016</b>	
	<p>NOTE. 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>
<b>Exova Warringtonfire is an EC Notified Body Number 1104</b>	

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