

# ASSA ABLOY

ASSA ABLOY LIMITED

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# TEST CERTIFICATE

No. TC 045-06

Test of: Lever Furniture

Issue Date: 27<sup>th</sup> February 2007



2526

**Test to:** BS EN 1906:2002 – Full test to ascertain appropriate classification

**Client Details:** Ruko A/S

**Contact:** Mr M Friis – Export / Project Manager

**Sample Details:** Ruko-Line un-sprung lever furniture. Ref. 0219-0432 19mm lever with roses. Two sample sets were selected for test from 10 sets supplied by the Client. These samples form part of a range of levers that are available in both 16mm and 19mm lever tube diameters, and 'U' or 'L' shaped. The main body assembly being identical in all cases. The 19mm being submitted for test as their greater mass would most likely place the most strain on the body and mechanism

**Samples Received:** 20/09/06

**Date Test Completed:** 04/10/06

**Job Number:** 2006-214

## Test Conclusions

| Clause No. | Description   | Compliance     |
|------------|---|----------------|
| 5          | Requirements at Grade 2                               | Yes            |
| 5.2        | Check of spindle and fastening elements               | Yes            |
| 5.3        | Rotational torque strength                            | Not Applicable |
| 5.4        | Axial strength of lock or latch furniture and fixing  | Yes            |
| 5.5.1      | Free play   | Yes            |
| 5.5.2      | Safety requirements                                   | Yes            |
| 5.6        | Free angular movement or misalignment                 | Yes            |
| 5.7        | Torque of return mechanism                            | Yes            |
| 5.8        | Durability of mechanism                               | Yes            |
| 5.9        | Repeat of axial strength of lock furniture and fixing | Yes            |
| 5.10       | Repeat of free play                                   | Yes            |
| 5.11       | Repeat of free angular movement or misalignment       | Yes            |
| 5.12       | Repeat of torque of return mechanism                  | Yes            |
| 5.13       | Axial strength for safety furniture (optional)        | Not Applicable |
| 5.14       | Corrosion resistance                                  | Yes            |
| 8          | Marking   | Yes*           |
| Annexe C.2 | Requirements for lock furniture for use on fire doors | No             |

\*Subject to attachment on packaging of additional label as promised by the Customer

## Classification Achieved

### Ruko-Line Levers

| Category of Use | Durability | Door Mass | Fire Resistance | Safety | Corrosion Resistance | Security | Type of Operation |
|-----------------|------------|-----------|-----------------|--------|----------------------|----------|-------------------|
| 1 to 4          | 6 or 7     | —         | 0 or 1          | 0 or 1 | 0 to 4               | 0 to 4   | A, B or U         |
| 2               | 7          | —         | 0               | 0      | 4                    | 0        | U                 |

## Disposal

The samples will be retained for a minimum period of one month prior to disposal

Test Engineer:

Alan Page

Authorised by:

Ian Bridge (Laboratory Manager)

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The Results obtained relate only to the items tested

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