



Verification of testing of lock types
EL160, EL360, EL520 and EL560
according to EN 12209:2004

This verification replaces the verification no. VTT-S-02829-10

| Requested by: Abloy Oy, Finland

Requested by Abloy Oy, Esa Parjanen
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This verification replaces verification no. VTT-S-02829-10.

Object **Verification of testing of lock types EL160, EL360, EL520 and EL560 according to EN 12209:2004**

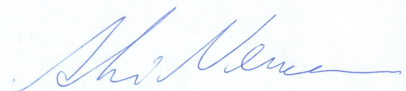
VTT has tested lock types EL160, EL360, EL520 and EL560 according to EN 12209:2004. The test results are reported in test report VTT-S-02850-06. The lock types EL160, EL360, EL520 and EL560 achieved the following grades according to the requirements set in EN 12209:

| Digit | | Grade |
|-------|---|-----------------|
| 1. | Category of use | 3 |
| 2. | Durability | S |
| 3. | Door mass and closing force | 8 |
| 4. | Suitability for use on fire/smoke doors | 1 |
| 5. | Safety | - |
| 6. | Corrosion resistance and temperature | F ¹⁾ |
| 7. | Security | 6 |
| 8. | Field of door application | H |
| 9. | Type of key operation and locking | E |
| 10. | Type of spindle operation | 2 |
| 11. | Key identification requirement | 0 |

1) VTT has executed the tests for the temperature requirements. The corrosion resistance test has been carried out in another testing institution.

According to the manufacturer the lock types that have the same mechanical characteristics are identified in Construction confirmation given in Appendix.

Espoo, 16.2.2012



Aki Neuvonen
Expert

APPENDIX
DISTRIBUTION

Construction confirmation.
- Client
- VTT / Archive

Original
original.

CONSTRUCTION CONFIRMATION

Manufacturer: Abloy Oy

Address: Wahlforssinkatu 20, 80100 JOENSUU, FINLAND

Hereby declare that the products have same mechanical construction in means of mechanical strength.

EL520, EL522, EL524

EL560, EL561, EL562, EL563, EL564, EL565

EL360, EL362, EL365

EL160, EL162, EL165

AL560, AL561, AL562, AL563, AL564, AL565

BL560, BL561, BL562, BL563, BL564, BL565

Joensuu 15.02.2012

On behalf of Abloy Oy



Jari Kervinen
Product Design Manager