



Verification of lock types EL650 and EL651 according to EN 12209:2004

| Requested by: Abloy Oy, Finland



Requested by Abloy Oy, Esa Parjanen
P.O. Box 108
80101 Joensuu, Finland

Contact person at VTT **VTT Technical Research Centre of Finland**
Research Engineer Aki Neuvonen
P.O. Box 1000, FIN-02044 VTT, Finland
Tel. +358 20 722 6910, Fax + 358 20 722 7003
E-mail: aki.neuvonen@vtt.fi

Object **Verification of lock types EL650 and EL651 according to EN 12209:2004**

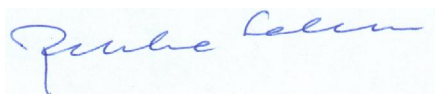
VTT has tested lock types EL650 and EL651 according to EN 12209:2004. The test results are reported in test report no. VTT-S-11324-06 *Testing of lock types EL650 and EL651 according to EN 12209:2004*.

The lock types EL650 and EL651 achieved the following grades according to the requirements set in EN 12209:

1. Category of use: Grade 3
2. Durability: Grade C
3. Door mass and closing force: Not applicable
4. Suitability for use on fire/smoke doors ¹: Grade 1
5. Safety: Grade 0
6. Corrosion resistance and temperature: Grade F
7. Security and drill resistance: Grade 5
8. Field of door application: Grade A
9. Type of key operation and locking: Grade A
10. Type of spindle operation: Grade 0
11. Key identification requirement: Grade 0

¹ Fire resistance tests for EL650 and EL651 are reported in the test report RTE3469/02.

Espoo, 15.12.2006



Pekka Salmi
Service Manager



Aki Neuvonen
Research Engineer

APPENDIX
DISTRIBUTION

Construction conformity of lock types EL650 and EL651
Client and VTT Original.

CONSTRUCTION CONFIRMATION

Manufacturer: Abloy Oy

Address: Wahlforssinkatu 20, 80100 JOENSUU, FINLAND

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

EL614

EL615

EL648

EL650

EL651

EL652

EL653

EL654

EL655

Joensuu 04.12.2006

On behalf of Abloy Oy



Jari Kervinen
Product Design Manager