



Verification of lock types EL490 and EL590 according to EN 12209:2004

| Requested by: Abloy Oy, Finland



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Object **Verification of lock types EL490 and EL590 according to EN 12209:2004**

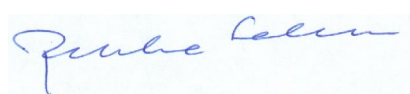
VTT has tested lock types EL490 and EL590 according to EN 12209:2004. The test results are reported in test reports VTT-S-08424-06 *Testing of lock types EL490 according to EN 12209:2004* and VTT-S-08162-06 *Testing of lock types EL590 according to EN 12209:2004*.

The lock types EL490 and EL590 achieved the following grades according to the requirements set in EN 12209:

1. Category of use: Grade 3
2. Durability: Grade S
3. Door mass and closing force: Grade 6
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 3
8. Field of door application: Grade B
9. Type of key operation and locking: Grade E
10. Type of spindle operation: Grade 2
11. Key identification requirement: Grade 0

¹ Fire resistance test for EL490 is reported in the test report VTT-S-04213-06 and for EL590 in the test report VTT-S-06468-06.

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