

FIRES, s.r.o.

Notifikovaná osoba č./ Notified Body No.: 1396

Autorizovaná osoba reg. č./ Approved Body No.: SK01

Osloboditeľov 282, 059 35 Batizovce, Slovakia

Tel.+421 52 775 2298, Fax+421 52 7881412, e-mail: info@fires.sk, www.fires.sk

Testing laboratory No. 041/S-159 accredited by
Slovak institute for accreditation service

TEST REPORT

Test report number: FIRES-FR-174-08-AUNE
Tested property: Fire resistance
Test method: STN EN 1634-1/AC: 2007
Date of issue: 28. 08. 2008

Name of the product: Steel rolling door (Roller Shutter) with electric engine

Manufacturer: Uslu Çelik San. Tic. Ltd. Şti., Davutpaşa Cad. TIM2 Sitesi
K:3 No.: 505 Topkapi, Istanbul, Turkey

Sponsor: Standart BM Trada Belgelendirme A.Ş., İçerenköy Mah.
Çayır Yolu Sokak Ay Plaza No:2, Kat:5 Kadiköy, 34752
Istanbul, Turkey

Project No: PR-08-0300

Specimens received: 07. 08. 2008

Date of the fire test: 12. 08. 2008

Technician responsible for the technical side of this report: Michaela Gorlická

Number of pages: 7

Number of appendices: 10

Test reports: 5

Copy No: 3

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5.2 TEST RESULTS

Measured average and maximum temperatures on the unexposed specimen surface are shown in appendices of the test report.

Time [min:s]	Observation of specimen behavior during the course of the test
11:10	Deflection of the lamellas;
22:50	Glowing of the door surface;
60:00	No changes, the whole door surface is red;
120:00	No changes;
181:10	Termination of the test. Integrity of the specimen did not failed

5.3 EVALUATION OF THE TEST

integrity – <i>sustained flaming</i>	181 minutes no failure
integrity – <i>gap gauges Ø 6 mm / Ø 25 mm</i>	181 minutes no failure
integrity – <i>cotton pad</i>	---
insulation – <i>average temperature (140 K)</i>	3 minutes
insulation – <i>maximal temperature (180 K)</i>	3 minutes
insulation – <i>maximal temperature (180 K) – supplementary procedure</i>	---
insulation – <i>maximal temperature – door frame (360 K)</i>	---
radiation [15 kW.m ⁻²]	23 minutes

The test was discontinued in the 182nd minute because of high values of radiation and danger of damage of testing laboratory equipment.