“SECURITY DOORS”

Title: **Classification of security doors to resistance classes**
Customer: Porta Block, Athens
Coordinator: Professor I. Vayas (NTUA Athens)
Research group: X. Lignos, S. Katsatsidis
Duration: 1/01/14 - 28/03/14

Summary

Experimental investigations have been carried out to safety doors in order to classify them in resistance class RC 4 according to the provisions of EN 1627:2011. The investigations included static tests to EN 1628 and tests to manual burglary attempts (pre-test and main test) to EN 1630. Relevant classification reports were issued.

Publications

Research Report EMK – TR 022014: Resistance under static loading
Research Report EMK – TR 032014: Resistance to manual burglary attempts

Experimental investigations

- Static tests in accordance with EN 1628:2011
- Tests to manual burglary attempts in accordance with EN 1630:2011

Static tests to EN 1628

Manual burglary attempts to EN 1630

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CLASSIFICATION REPORT
No EMK-TR042014

Applicant: Porta Block, Leoforos Karamanli 207 – 13672 AHARNES, Greece

Product type: Single leaf hinged door (Product Group 1 to ELOT EN 1627:2011) with 2 hinges and 15 locking points

Product name: PORTA BLOCK ROCK-15

Product dimensions: Height 1945 mm, Width 784 mm

Attack side: Front side

Infilling: MDF ply 7 mm – Steel sheet 1.1 mm – MDF ply 7 mm

Hardware: Lock SECUREMME Type SERIE 25 MOD 2500FD28
Cylinder SECUREMME Type Z4246X24

Installation instructions: Annex to test report EMK-TR022014

Relevant test reports: EMK-TR022014 Resistance under static loading
EMK-TR032014 Resistance to manual burglary attempts

Resistance class: Burglar resistant door ELOT EN 1627:2011 RC 4

The Director of the Institute — Athens 05 March 2014

Prof. Ioannis Vayas