

Based on Estonian Regulation No. 49 of the Minister of Economic Affairs and Communications of 26.07.2013 „ Requirements and procedure for attestation of the conformity for building materials and construction products“ § 4, it has been stated that the construction product

Double leaf fire resistant steel door FQL EI60

placed on the market by

AS Saku Metall Uksetehas

Saku 13, 11314 Tallinn, ESTONIA

and produced in the factory

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is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that Inspecta Estonia OÜ has performed type testing, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of conformity and the performances described in Annex ZA of the standard

EN 16034:2014

were applied and that the product fulfils all the prescribed requirements.

This certificate is first issued on **13.08.2014** and remains valid until **12.08.2019** as long as the conditions laid down in the standard in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly. The validity of the certificate can be checked on the Internet at www.inspecta.com/et. Classification and field of direct application is presented in the Annex 1.

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Product: Double leaf fire resistant steel door FQL EI60.

Details of the door description are presented in test reports No 431-13T2MAU (TÜV) and 423-13T2MAU (TÜV) and in technical description of Saku Metall Uksetehas AS No MU2014.06.13-Q64.4-Cert.

Product specification

Dimensions	(W x H)mm
Doorframe	2520 x 2780
Overall dimensions of primary and secondary dooreaf	1233,5 x 2737
Thickness of doorleaf	64
Glazing	395 x 1225
Glazing for doorsets with EI₂60 classification	
Pyrostop EI60, thickness 23 mm	395 x 1225
Pyrobel EI60, thickness 26 mm	395 x 650
Glazing for doorsets with EI₂30 classification	
Pyrobel EI30, thickness 17 mm	395 x 560
Pyrostop EI30, thickness 15 mm	395 x 890
Hardware	
Door lock	Abloy LE181, Abloy LE 982, Abloy LE 981, ASSA 565, ASSA 2000, Abloy LC100
Panic bar	Abloy PBE001 (on primary door leaf) ; Abloy PBE002 (on secondary door leaf)
Door closure	Abloy DC405
Hinges (3 pcs per leaf)	STUV 1.54.0850.2
Security bolt (2 pcs per leaf)	M-G64-D12 Ø10 mm
Lead cover	Abloy EA281
Drop-down seal	Planet FT/RD+FH

Essential characteristics and performance

Essential characteristics	Performance
Resistance to fire	EI ₂ 60 or EI ₂ 30 depending of the type of glass used in doorset
Smoke control	-
Self closing	C4

Field of application

This classification is valid for the following end use applications:

1. The materials and construction of the doorset shall be the same as that tested. The number of leaves and the mode of operation (e.g. sliding, swinging, single action or double action) shall not be changed.
2. The dimensions of metal wrap around frames may be increased to accommodate increased supporting construction thickness. The thickness of the metal may also be increased by up to 25 %.
3. Type of steel sheet variation mild to stainless is permitted, providing the thickness of the material will not be increased.
4. Where the paint finish is not expected to contribute to the fire resistance of the doorset alternative paints are acceptable.
5. Decorative laminates and timber veneers up to 1,5 mm thickness may be added to the faces (but not the edges) of leaves and frames in doorsets which satisfy the insulation criteria.

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6. The type of glass and the edge fixing technique, including type and number of fixings per metre of perimeter, shall not be changed from those tested.
7. The dimensions of glass may be reduced without restriction.
8. The number of glazed apertures and each of the dimensions of glass in each pane included within a test specimen shall not be increased.
9. The distance between the edge of glazing and the perimeter of each leaf, or the distance between glazed apertures shall not be reduced from those incorporated in test specimens. Other positioning within the leaf can only be modified if this does not involve the removal or repositioning of structural members relative to the glazing.
10. The number of any movement restrictors such as locks, latches and hinges may be increased but shall not be decreased.
11. The number of fixings used to attach doorsets to supporting constructions may be increased but shall not be decreased and the distance between fixings may be reduced but shall not be increased.
12. Doorset may be mounted only in rigid supporting construction.
13. The door may be mounted with drop-down seal, with treshold and without treshold.
14. Size reduction is permitted up to 50% in width and 75% in height.
15. Size increase is not permitted for doorsets with glazing.
Size increase is permitted up to 15% in height and 15% in width, but not more than 20% in area for doorsets without glazing.

Marking

Product must be marked. Marking consisting of:

- performance;
- number of certificate;
- name of the Certification Body;
- name of manufacturer;
- year of manufacturing;
- product identification number.

