

Certificate**No. MPA-BS 6000/308/19****Product**

Double-leaf steel door with resistance to fire properties
Dimensions: w x h = 4,400 mm x 4,455 mm (clearance)
Trade name: Buchele PL/STB 602

Supplier

Buchele GmbH
Industriestraße 3
D-73061 Ebersbach / Fils

Production site

Buchele GmbH
Industriestraße 3
D-73061 Ebersbach / Fils

Resistance to fire**Classes: EI₂ 60 and E 90** according to EN 13501-2

Explanation: Class E indicates integrity and class I₂ heat insulation, the number is the compliance time in minutes.

Test standards: EN 1363-1 and EN 1634-1
Product standard: EN 16034 (Pedestrian doorsets, industrial, commercial, garage
doors and openable windows)

Certification procedure

The product has been assessed against the requirements of the MPA General Requirements for Certification of Fire Protection Products on the basis of the test report No. 3377/438/14 Wa / HL of 10-11-2014 (see annex for further details).

Validity

This certificate shall be valid until 16-12-2024 as a maximum, provided that the product is not subject to changes and the product and the factory production control are inspected on a regular basis.

Braunschweig, 17-12-2019



Dr.-Ing. Hinrichs
Head of Certification

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Annex

Summary of the test results which comply with the EI₂ 60 requirements

Standard	Requirement	Tests performed	
		Test description	Test results
EN 1634-1	Integrity	6 mm wide gap could be inserted after:	> 104 minutes
		25 mm wide gap could be inserted after:	> 104 minutes
		Flaming > 10 s reached after:	104 minutes
EN 1634-1	Maximum mean value of the admissible temperature rise	$\Delta T_{\text{mean, adm}}$	84 K
EN 1634-1	Maximum single value of the admissible temperature rise	$\Delta T_{\text{max, adm}}$	109 K
EN 1634-1	Maximum single value of the admissible temperature rise on the door frame	$\Delta T_{\text{max, door frame}}$	206 K
EN 1634-1	Maximum single value of radiation of a surface spot > 300°C	Radiation	No surface spot > 300°C identified
EN 1363-1	Maximum rise of the ambient temperature	$\Delta T_{\text{max, rise, amb}}$	0.2 K
		$\Delta T_{\text{max, drop, amb}}$	0.3 K
EN 14600	Conditioning of the test specimen before the test	Performance	25 actuation cycles
EN 14600	Conditioning of the test specimen before the test	Conditioning	5,000 actuation cycles

