



DECLARATION OF PERFORMANCE No. 01/VIII/2018

1. Unique product type identification code:
ASKON FIRE single leaf point smoke-flap with electric actuator
2. The type, batch or series number or any other element enabling identification of the construction product, required in accordance with art. 11 passage 4:
Batch number placed on the product - name plate
3. The intended use or uses of the construction product provided for it by the manufacturer in accordance with the applicable harmonized technical specification:
Gravitational smoke and heat extraction system
4. Manufacturer's contact address:
**ASKON S.C. K. Bednarek, M. Dominik
ul. Rzemieślnicza 17, PL 62-081 Przeźmierowo, Poland**
5. Where applicable, the name and contact address of the authorized representative whose mandate covers the tasks specified in art. 12 passage 2: -
6. System or systems for assessing and verifying the stability of performance of the construction product, set out in Annex V: **System 1**
7. In the case of a declaration of performance concerning a construction product covered by a harmonized standard: name and identification number of the notified body: III. Purpose and scope of use of the construction product
**Instytut Techniki Budowlanej Zakład Certyfikacji (Construction Technology Institute, Certification Department) - Warszawa, ul. Filtrowa 1, Notification number 1488
Certificate of Performance No. 1488-CPR-0309/W in accordance with EN-12101-2: 2005**
8. In the case of a declaration of performance concerning a construction product for which a European Technical Assessment has been issued: (name and identification number of the Technical Assessment Unit, if applicable): -

9. Declared performance:

Performance	Classification	Reference document
Classification of reliability	Re 50	EN 12101-2:2005
Snow load classification	SL 550	EN 12101-2:2005
Wind load classification	WL 1500 - for actuators:	EN 12101-2:2005
	- D+H ZA 155 HS	
	- K + G	
	WL 500 - for actuators:	
	- D+H DXD	
Resistance to high temperature	B 300	EN 12101-2:2005
Resistance to low temperature	T (00)	EN 12101-2:2005

The active smoke exhausting surface of smoke-flaps according to the table below:

Item	NOMINAL DIMENSION (mm)	ACTIVE SURFACE - Aa (m ²)		
		STANDARD	WITH DEFLECTORS	WITH DEFLECTORS AND DIRECTING NOZZLE
1	1000 x 1000	0,47	0,77	0,82
2	1000 x 1100	0,51	0,85	0,90
3	1000 x 1200	0,55	0,91	0,98
4	1000 x 1300	0,59	0,98	1,07
5	1000 x 1400	0,63	1,05	1,16
6	1000 x 1500	0,66	1,13	1,25
7	1000 x 1600	0,69	1,18	1,33
8	1000 x 1700	0,73	1,26	1,41
9	1000 x 1800	0,76	1,33	1,49
10	1000 x 1900	0,78	1,41	1,58
11	1000 x 2000	0,82	1,46	1,66
12	1000 x 2100	0,84	1,53	1,74
13	1000 x 2200	0,88	1,61	1,83
14	1100 x 1100	0,58	0,92	0,99
15	1100 x 1200	0,62	0,99	1,08
16	1100 x 1300	0,67	1,07	1,19
17	1100 x 1400	0,71	1,14	1,28
18	1100 x 1500	0,76	1,22	1,37
19	1100 x 1600	0,79	1,30	1,46
20	1100 x 1700	0,84	1,37	1,55
21	1100 x 1800	0,87	1,45	1,64
22	1100 x 1900	0,92	1,53	1,73
23	1100 x 2000	0,95	1,61	1,83
24	1100 x 2100	0,97	1,66	1,92
25	1100 x 2200	1,02	1,74	2,01
26	1150 x 1150	0,65	0,99	1,08
27	1200 x 1200	0,71	1,08	1,20



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28	1200 x 1300	0,75	1,15	1,29
29	1200 x 1400	0,81	1,24	1,39
30	1200 x 1500	0,85	1,31	1,49
31	1200 x 1600	0,90	1,40	1,59
32	1200 x 1700	0,94	1,49	1,69
33	1200 x 1800	0,99	1,56	1,79
34	1200 x 1900	1,03	1,64	1,89
35	1200 x 2000	1,08	1,73	1,99
36	1200 x 2100	1,11	1,81	2,09
37	1200 x 2200	1,16	1,90	2,19
38	1250 x 1250	0,77	1,16	1,30
39	1300 x 1300	0,85	1,25	1,40
40	1300 x 1400	0,89	1,33	1,51
41	1300 x 1500	0,96	1,42	1,62
42	1300 x 1600	1,00	1,52	1,73
43	1300 x 1700	1,06	1,59	1,83
44	1300 x 1800	1,10	1,68	1,94
45	1300 x 1900	1,16	1,78	2,05
46	1300 x 2000	1,20	1,87	2,16
47	1300 x 2100	1,26	1,94	2,27
48	1300 x 2200	1,29	2,03	2,37
49	1400 x 1400	1,00	1,43	1,63
50	1400 x 1500	1,05	1,51	1,74
51	1400 x 1600	1,12	1,61	1,86
52	1400 x 1700	1,17	1,71	1,98
53	1400 x 1800	1,23	1,81	2,09
54	1400 x 1900	1,28	1,89	2,21
55	1400 x 2000	1,34	1,99	2,32
56	1500 x 1500	1,15	1,62	1,87
57	1500 x 1600	1,22	1,73	1,99
58	1500 x 1700	1,28	1,81	2,12
59	1500 x 1800	1,35	1,92	2,24
60	1500 x 1900	1,43	2,02	2,37
61	1600 x 1600	1,33	1,82	2,12
62	1600 x 1700	1,39	1,93	2,26
63	1600 x 1800	1,47	2,04	2,39

10. The performance of the product specified in point 1 and 2 is in accordance with the performance declared in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer referred to in point 4.

Przeźmierowo 31.08.2018 r.

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