



## DECLARATION OF PERFORMANCE No. 02A/III/2018

1. Unique product type identification code:  
**ASKON FIRE double 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	<b>Re 50</b>	EN 12101-2:2005
Snow load classification	<b>SL 550</b>	EN 12101-2:2005
Wind load classification	<b>WL 1500 - for actuators:</b>	EN 12101-2:2005
	- <b>D+H ZA 155 HS</b>	
	- <b>K + G</b>	
	<b>WL 500 - for actuators:</b>	
	- <b>D+H DXD</b>	
Resistance to high temperature	<b>B 300</b>	EN 12101-2:2005
Resistance to low temperature	<b>T (00)</b>	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 <sup>2</sup> )		
		STANDARD	WITH DEFLECTORS	WITH DEFLECTORS AND DIRECTING NOZZLE
1	1500 x 1500	1,31	1,51	1,69
2	1600 x 1500	1,37	1,61	1,80
3	1600 x 1600	1,46	1,72	1,92
4	1700 x 1500	1,43	1,71	1,91
5	1700 x 1600	1,50	1,82	2,04
6	1700 x 1700	1,62	1,94	2,20
7	1800 x 1500	1,49	1,81	2,03
8	1800 x 1600	1,56	1,93	2,19
9	1800 x 1700	1,65	2,05	2,33
10	1800 x 1800	1,78	2,17	2,46
11	1900 x 1500	1,54	1,91	2,14
12	1900 x 1600	1,61	2,04	2,31
13	1900 x 1700	1,71	2,16	2,46
14	1900 x 1800	1,85	2,29	2,60
15	1900 x 1900	1,99	2,42	2,74
16	2000 x 1000	1,20	1,32	1,48
17	2000 x 1100	1,28	1,47	1,63
18	2000 x 1200	1,34	1,61	1,80
19	2000 x 1300	1,43	1,74	1,95
20	2000 x 1400	1,51	1,88	2,10
21	2000 x 1500	1,59	2,01	2,28
22	2000 x 1600	1,66	2,14	2,43
23	2000 x 1700	1,77	2,28	2,58
24	2000 x 1800	1,87	2,41	2,74
25	2000 x 1900	2,01	2,55	2,89
26	2000 x 2000	2,16	2,68	3,08
27	2100 x 1000	1,24	1,39	1,55

28	2100 x 1100	1,32	1,55	1,71
29	2100 x 1200	1,41	1,69	1,89
30	2100 x 1300	1,47	1,83	2,05
31	2100 x 1400	1,56	1,97	2,23
32	2100 x 1500	1,64	2,11	2,39
33	2100 x 1600	1,71	2,25	2,55
34	2100 x 1700	1,82	2,39	2,71
35	2100 x 1800	1,93	2,53	2,87
36	2100 x 1900	2,08	2,67	3,07
37	2100 x 2000	2,23	2,81	3,23
38	2200 x 1000	1,30	1,47	1,63
39	2200 x 1100	1,38	1,62	1,79
40	2200 x 1200	1,45	1,77	1,98
41	2200 x 1300	1,54	1,92	2,15
42	2200 x 1400	1,60	2,06	2,34
43	2200 x 1500	1,68	2,21	2,51
44	2200 x 1600	1,80	2,36	2,68
45	2200 x 1700	1,87	2,51	2,84
46	2200 x 1800	1,98	2,65	3,05
47	2200 x 1900	2,13	2,80	3,22
48	2200 x 2000	2,24	2,95	3,39
49	2300 x 1000	1,36	1,54	1,70
50	2300 x 1100	1,42	1,70	1,90
51	2300 x 1200	1,52	1,85	2,07
52	2300 x 1300	1,59	2,00	2,24
53	2300 x 1400	1,67	2,16	2,45
54	2300 x 1500	1,76	2,31	2,62
55	2300 x 1600	1,84	2,47	2,80
56	2300 x 1700	1,92	2,62	2,97
57	2300 x 1800	2,03	2,77	3,19
58	2300 x 1900	2,19	2,93	3,37
59	2300 x 2000	2,30	3,08	3,54
60	2400 x 1000	1,39	1,61	1,78
61	2400 x 1100	1,48	1,77	1,98
62	2400 x 1200	1,56	1,93	2,16
63	2400 x 1300	1,65	2,09	2,37
64	2400 x 1400	1,71	2,25	2,55
65	2400 x 1500	1,80	2,41	2,74
66	2400 x 1600	1,88	2,57	2,92
67	2400 x 1700	2,0	2,73	3,14
68	2400 x 1800	2,07	2,89	3,33
69	2400 x 1900	2,23	3,06	3,51
70	2400 x 2000	2,35	3,22	3,70
71	2500 x 1000	1,45	1,68	1,85

72	2500 x 1100	1,54	1,84	2,06
73	2500 x 1200	1,62	2,01	2,25
74	2500 x 1300	1,69	2,18	2,47
75	2500 x 1400	1,79	2,35	2,66
76	2500 x 1500	1,88	2,51	2,85
77	2500 x 1600	1,96	2,68	3,04
78	2500 x 1700	2,04	2,85	3,27
79	2500 x 1800	2,16	3,02	3,47
80	2500 x 1900	2,28	3,18	3,66
81	2500 x 2000	2,40	3,35	3,85
82	2600 x 1000	1,51	1,74	1,92
83	2600 x 1100	1,60	1,92	2,15
84	2600 x 1200	1,69	2,09	2,34
85	2600 x 1300	1,76	2,27	2,57
86	2600 x 1400	1,86	2,44	2,77
87	2600 x 1500	1,95	2,61	2,96
88	2600 x 1600	2,04	2,79	3,20
89	2600 x 1700	2,12	2,96	3,40
90	2600 x 1800	2,20	3,14	3,60
91	2600 x 1900	2,32	3,31	3,80
92	2600 x 2000	2,44	3,48	4,00
93	2700 x 1000	1,54	1,81	2,00
94	2700 x 1100	1,63	1,99	2,23
95	2700 x 1200	1,72	2,17	2,43
96	2700 x 1300	1,83	2,35	2,67
97	2700 x 1400	1,93	2,53	2,87
98	2700 x 1500	1,99	2,71	3,08
99	2700 x 1600	2,07	2,89	3,33
100	2700 x 1700	2,16	3,08	3,53
101	2700 x 1800	2,28	3,26	3,74
102	2700 x 1900	2,36	3,44	3,95
103	2700 x 2000	2,54	3,62	4,16
104	2800 x 1000	1,60	1,88	2,10
105	2800 x 1100	1,69	2,06	2,31
106	2800 x 1200	1,78	2,25	2,55
107	2800 x 1300	1,89	2,44	2,77
108	2800 x 1400	1,96	2,63	2,98
109	2800 x 1500	2,06	2,81	3,19
110	2800 x 1600	2,15	3,00	3,45
111	2800 x 1700	2,24	3,19	3,67
112	2800 x 1800	2,32	3,38	3,88
113	2800 x 1900	2,45	3,56	4,10
114	2800 x 2000	2,58	3,75	4,31
115	2900 x 1000	1,65	1,94	2,18





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116	2900 x 1100	1,76	2,14	2,39
117	2900 x 1200	1,84	2,33	2,65
118	2900 x 1300	1,92	2,53	2,87
119	2900 x 1400	2,03	2,72	3,09
120	2900 x 1500	2,13	2,92	3,35
121	2900 x 1600	2,23	3,11	3,57
122	2900 x 1700	2,32	3,30	3,80
123	2900 x 1800	2,40	3,50	4,02
124	2900 x 1900	2,48	3,69	4,24
125	2900 x 2000	2,61	3,89	4,52
126	3000 x 1000	1,71	2,01	2,25
127	3000 x 1100	1,82	2,21	2,48
128	3000 x 1200	1,91	2,41	2,74
129	3000 x 1300	1,99	2,61	2,96
130	3000 x 1400	2,10	2,81	3,19
131	3000 x 1500	2,21	3,02	3,47
132	3000 x 1600	2,30	3,22	3,70
133	3000 x 1700	2,40	3,42	3,93
134	3000 x 1800	2,48	3,62	4,16
135	3000 x 1900	2,57	3,82	4,39
136	3000 x 2000	2,64	4,02	4,68

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 30-08-2018 r.

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