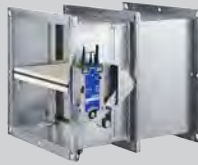


Declaration of performance




DoP/FKA-EU/DE/003



TROX[®] TECHNIK
The art of handling air

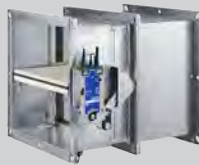
1 Product	FKA-EU
Unique identification code of the product type	
2 Intended use	Fire damper
3 Manufacturer	<p>TROX GmbH Heinrich-Trox-Platz 47504 Neukirchen-Vluyn, Germany</p> <p>Phone +49 (0)2845 2020 Fax +49 (0)2845 202265 E-mail trox@trox.de Internet www.troxtechnik.com</p>
5 System of assessment and verification of constancy of performance	System 1
6 Harmonised standard Notified body/ies	<p>The notified body 1488 - ITB carried out the initial inspection of the manufacturing plant and of the factory production control as well as the continuous surveillance, assessment and evaluation of factory production control according to System 1 of the Construction Products Regulation and issued the certificate of constancy of performance:</p> <p>1488-CPR-0583/W</p>

7 Declared performances




Essential characteristic: fire resistance – size [mm]: 200 × 200 to 1500 × 800				
Supporting construction	Construction	Installation location	Installation type	Performance class (EI TT) up to
 Solid wall	<ul style="list-style-type: none"> d ≥ 115 mm 	in the wall	Mortar-based installation	EI 120 (v _e i↔o) S
 Solid wall	<ul style="list-style-type: none"> d ≥ 115 mm Array, up to 3.2 m² 	in the wall	Mortar-based installation	EI 120 (v _e i↔o) S
 Solid wall	<ul style="list-style-type: none"> d ≥ 115 mm Cladding with fire barrier or mineral wool 	remote from the wall	Dry mortarless installation	EI 120 (v _e i↔o) S

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Essential characteristic: fire resistance – size [mm]: 200 × 200 to 1500 × 800				
Supporting construction	Construction	Installation location	Installation type	Performance class (EI TT) up to
 Lightweight partition wall	<ul style="list-style-type: none"> • Metal stud wall, gypsum plasterboard DF • $d \geq 125$ mm • With mineral wool 	in the wall	Mortar-based installation	EI 120 (v_e i \leftrightarrow o) S
 Lightweight partition wall	<ul style="list-style-type: none"> • Metal stud wall, gypsum plasterboard DF • $d \geq 100$ mm • With or without mineral wool 	in the wall	Mortar-based installation	EI 60 (v_e i \leftrightarrow o) S
 Solid ceiling slab	<ul style="list-style-type: none"> • $d \geq 150$ mm 	in the ceiling	Mortar-based installation	EI 120 (h_o i \leftrightarrow o) S

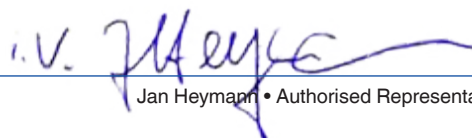
7 Declared performances

Essential characteristics	Technical specification	Performance
Nominal activation conditions/sensitivity <ul style="list-style-type: none"> • Sensing element load-bearing capacity • Sensing element response temperature 72 °C 	ISO 10294-4:2001	Pass
Response delay/response time <ul style="list-style-type: none"> • Closure time 	EN 1366-2:2015	Pass
Operational reliability <ul style="list-style-type: none"> • Open and closing cycle, 50 cycles 	EN 15650:2010 EN 1366-2:2015	Pass
Durability of response delay <ul style="list-style-type: none"> • Sensing element response to temperature and load-bearing capacity 	ISO 10294-4:2001	Pass
Durability of operational reliability <ul style="list-style-type: none"> • Testing of the open and closing cycle, 10,000 cycles <ul style="list-style-type: none"> – B(L)F-T-(ST)-TR – BFN-T-(ST)-TR 	EN 15650:2010	Pass
Protection against corrosion	EN 15650:2010	Pass
Damper blade leakage	EN EN 1751:2014	At least class 2
Damper casing leakage	EN EN 1751:2014	At least class B

The classification of the fire damper must not be higher than the classification of the wall or ceiling slab it is installed in. In this case the class of performance of the wall or ceiling slab applies also to the fire damper.

Signed for and on behalf of TROX GmbH:

Neukirchen-Vluyn, 1 March 2017


Jan Heymann • Authorised Representative • CE-marked products