

1. **Product:** Fire Damper ETPR-E-1
2. **Intended use:** Fire damper to be used in conjunction with fire separating elements to maintain fire compartmentation
3. **Manufacturer:** FläktGroup Finland Oy, Kalevantie 39, FI-20520 Turku, Finland  
Tel. +358204423000, Email: info.fi@flaktgroup.com
4. **System of AVCP:** System 1
5. **Harmonized standard:** EN 15650:2010
6. **Notified Body:** RISE Research Institutes of Sweden AB, Nr. 0402  
Performed determination the product type on the basis of type testing; initial inspection of the manufacturing plant and of factory production control; continuous surveillance, assessment and evaluation of the factory production control (FPC) under system 1 and issued: **Certificate of constancy of performance - 0402-CPR-SC0400-12.**

7. **Declared performance:**

Essential characteristics	Performance		
<b>Nominal activation conditions/sensitivity:</b> - sensing element load bearing capacity - sensing element response temperature	Pass		
<b>Response delay (response time):</b> - closure time	Pass		
<b>Operational reliability:</b> - cycling	Pass (50 cycles)		
<b>Fire resistance (300 Pa):</b>	<b>Installation in flexible wall</b>	<b>Installation in rigid wall</b>	<b>Installation in rigid floor</b>
- integrity	E 90	E 90	E 120
- insulation	-	-	-
- smoke leakage	E 60 S	E 60 S	E 60 S
- mechanical stability (under E)	Pass	Pass	Pass
- maintenance of the cross section (under E)	Pass	Pass	Pass
<b>Durability of response delay:</b> - sensing element response to temperature and load bearing capacity	Pass		
<b>Durability of operational reliability:</b> - open and closing cycle tests	Actuator 10 000 cycles - Pass		

The performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Jari Hokkanen, R&D Manager

Turku 28.10.2019



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