

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, Rydönnotko 1, FI-20360 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><br>- sensing element load bearing capacity<br>- sensing element response temperature | Pass                                 |                                   |                                    |
| <b>Response delay (response time):</b><br>- closure time   | Pass                                 |                                   |                                    |
| <b>Operational reliability:</b><br>- 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><br>- sensing element response to temperature and load bearing capacity                            | Pass                                 |                                   |                                    |
| <b>Durability of operational reliability:</b><br>- 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 31.05.2022

