

## Declaration of Performance Rasch fire dampers

No: DoPB0058000

**Product model:**

**RABC**

Type number and specification according to the product label.

**Intended use:**

To prevent fire and combustion gases in the ventilation system between compartments in buildings according to the harmonized European standard EN 15650:2010.

**Manufacturer**

Rasch AB  
Norrsten  
Motala  
[www.rasch.se](http://www.rasch.se)

**Assessment system and factory product control of the products performance:**

System 1

**Product certification:**

The notified body number 0402 SP, Technical Research of Sweden has performed control according to system 1.

- Initial type testing and initial inspection of the factory and the factory production control system
- Continuous surveillance, assessment and approval of factory production control and issued the certificate: no. 0402 - CPR – SC0058-13

**Performance defined:**

Essential characteristics	Classification/Performance	Standard
Normal activation/sensitivity -Sensing element load bearing capacity -Sensing element response temperature	Pass	ISO 10294-4:2001
Response delay (response time) -Closure time	Pass	EN 1366-2:1999
Operational reliability -Cycling	50 cycles, Pass	EN 1366-2:1999
<b>Fire resistance:</b>		
-Integrity (E)	E120 (ve ho i↔o) E120(ve i↔ o)S	EN 1366-2:1999 EN 13501-3:2005+A1:2009
-Insulation(EI)	NPD (No Performance determined)	EN 1366-2:1999 EN 13501-3:2005+A1:2009
-Smoke leakage(-S)	E120 (ve i ↔o) S	EN 1366-2:1999 EN 13501-3:2005+A1:2009
Mechanical stability	Pass	EN 1366-2:1999
Maintenance of the cross section	Pass	EN 1366-2:1999
Durability of response delay: -sensing element response to temperature and load bearing capacity	Pass	ISO 10294-4:2001
Durability of operational reliability: -open and closing cycle tests	20 000 cycles Pass	EN 15650:2010

Performances of RABC conform to performance by the above list.

The declaration of performance has established under Rasch AB own responsibility.

Signed for the manufacture



Per-Magnus Magnusson CEO  
Motala 2019-04-29