

# DECLARATION OF PERFORMANCE

CE\_DoP\_Rf-t\_C16\_EN ■ F-01/09/2025


|  |  |
|--|--|
| 1. Unique identification code of the product-type:   | CRS60  |
| 2. Intended use/es:  | Circular fire damper to be used in conjunction with partitions to maintain fire compartments in heating, ventilating and air conditioning installations. |
| 3. Manufacturer:   | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele  |
| 4. System/s of AVCP:   | System 1   |
| 5. Harmonised standard / European Assessment Document; notified body / European Technical Assessment, Technical Assessment Body, notified body; certificate of constancy of performance: | EN 15650:2010, BCCA with identification number 0749; BCCA - 0749-CPR-BC1-606-0464-15650.20-2517  |
| 6. Declared performance according to EN 15650:2010   | (Fire resistance according to EN 1366-2 and classifications according to EN 13501-3)   |

| Essential characteristics |  |  |  |              | Performance                               |
|---------------------------|--|--|--|--------------|---|
| Range                     | Type                                   | Construction   | Sealing                                      | Installation | Classification                            |
| Ø 100-630 mm              | Rigid wall                             | Aerated concrete ≥ 100 mm                                | Fire resistant acrylic sealant               | 1            | El 60 (v <sub>e</sub> i ↔ o) S - (300 Pa) |
|                           |  |  | Fire resistant acrylic sealant               | 2            | El 60 (v <sub>e</sub> i ↔ o) S - (300 Pa) |
|                           |  |  | Stone wool + coating with acrylic sealant    | 3            | El 60 (v <sub>e</sub> i ↔ o) S - (300 Pa) |
|                           |  |  | Stone wool + coating with acrylic sealant    | 2            | El 60 (v <sub>e</sub> i ↔ o) S - (300 Pa) |
|                           |  |  | Stone wool + coating ≥ 140 kg/m <sup>3</sup> | 3            | El 60 (v <sub>e</sub> i ↔ o) S - (300 Pa) |
|                           |  |  | Mortar / Gypsum                              | 3            | El 60 (v <sub>e</sub> i ↔ o) S - (300 Pa) |
|                           | Rigid floor                            | Aerated concrete ≥ 100 mm                                | Fire resistant acrylic sealant               | 1            | El 60 (h <sub>o</sub> i ↔ o) S - (300 Pa) |
|                           |  |  | Fire resistant acrylic sealant               | 2            | El 60 (h <sub>o</sub> i ↔ o) S - (300 Pa) |
|                           |  |  | Stone wool + coating with acrylic sealant    | 3            | El 60 (h <sub>o</sub> i ↔ o) S - (300 Pa) |
|                           |  |  | Stone wool + coating with acrylic sealant    | 2            | El 60 (h <sub>o</sub> i ↔ o) S - (300 Pa) |
|                           | Flexible wall                          | Metal studs gypsum plasterboard Type A (EN 520) ≥ 100 mm | Fire resistant acrylic sealant               | 1            | El 60 (v <sub>e</sub> i ↔ o) S - (300 Pa) |
|                           |  |  | Fire resistant acrylic sealant               | 2            | El 60 (v <sub>e</sub> i ↔ o) S - (300 Pa) |
|                           |  |  | Stone wool + coating with acrylic sealant    | 3            | El 60 (v <sub>e</sub> i ↔ o) S - (300 Pa) |
|                           |  |  | Stone wool + coating with acrylic sealant    | 2            | El 60 (v <sub>e</sub> i ↔ o) S - (300 Pa) |
|                           |  |  | Stone wool + coating ≥ 140 kg/m <sup>3</sup> | 3            | El 60 (v <sub>e</sub> i ↔ o) S - (300 Pa) |
|                           |  |  | Mortar / Gypsum                              | 3            | El 60 (v <sub>e</sub> i ↔ o) S - (300 Pa) |
|                           | Asymmetrical flexible wall (shaftwall) | Metal studs gypsum plasterboard Type F (EN 520) ≥ 80 mm  | Fire resistant acrylic sealant               | 3            | El 60 (v <sub>e</sub> i ↔ o) S - (300 Pa) |
|                           |  |  | Fire resistant acrylic sealant               | 2            | El 60 (v <sub>e</sub> i ↔ o) S - (300 Pa) |

|  |  |
|--|--|
| Nominal activation conditions/sensitivity:               | Pass   |
| Response delay (response time): closure time             | Pass   |
| Operational reliability: cycling                         | ONE - 10000 cycles; ONE-X - 10000 cycles; BFL(T) - 10000 cycles; BFN(T) - 10000 cycles; BFLT-SR - 20000 cycles; BFNT-SR - 20000 cycles |
| Durability of response delay:                            | Pass   |
| Durability of operational reliability:                   | Pass   |
| Protection against corrosion according to EN 60068-2-52: | Pass   |
| Damper casing leakage according to EN 1751:              | ≥ class ATC 3 (formerly C)   |

The performance of the product identified above is in conformity with the set of declared performance/s. 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:  
Duchan Laplace, R&D Manager

  
Oosterzele, 01/09/2025



Harmonised standard  
EN 15650:2010