# Declaration of Performance

CE

**According to Construction Products Regulation EU N° 305/2011**

Declaration number:

**003_25**

1 Unique identification code of the product-type:

**COMPACT C 32 / COMPACT C 45 (Type A)**

2 Intended use:

**Loudspeaker for voice alarm systems for fire detection and fire alarm systems for buildings**

3 Manufacturer:

**RCF S.p.A.**
**Via Raffaello Sanzio 13 - 42124 Reggio Emilia - ITALY**

4 Agent:

**NA**

5 System of assessment and verification of constancy of performance:

**SYSTEM 1**

6a Harmonized standard:

**EN 54-24:2008**

Notified bodies::

**0068 - MTIC INTERCERT S.r.l.**

6b European Assessment Document:

**NA**

7 Declared performance:

| Essential characteristics | Harmonized standard EN 54-24: 2008 - Clause | Performance |
|---|---|---|
| **Performance parameters under fire condition** | | |
| Frequency response limit | 4.2 | **Passed** |
| Reproducibility | 5.2 | **Passed** |
| Rated impedance | 5.3 | **Passed** |
| Horizontal and vertical coverage angles | 5.4 | **Passed** |
| Maximum sound pressure level | 5.5 | **Passed** |

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| | | |
|---|---|---|
| **Operational reliability** | | |
| Durability | 4.3 | **Passed** |
| Construction | 4.4 | **Passed** |
| Marking and data | 4.5 | **Passed** |
| Rated noise power (durability) | 5.6 | **Passed** |
| Enclosure protection | 5.18 | **Passed** |
| **Durability of operational reliability, temperature resistance** | | |
| Dry heat (operational) | 5.7 | **Passed** |
| Dry heat (endurance) | 5.8 | **NA** |
| Cold (operational) | 5.9 | **Passed** |
| **Durability of operational reliability, humidity resistance** | | |
| Damp heat, cyclic (operational) | 5.10 | **Passed** |
| Damp heat, steady state (endurance) | 5.11 | **Passed** |
| Damp heat, cyclic (fatigue test) | 5.12 | **NA** |
| **Durability of operational reliability ,corrosion resistance** | | |
| Sulphur dioxide corrosion (endurance) | 5.13 | **Passed** |
| **Durability of operational reliability, impact and vibration resistance** | | |
| Shock (operational) | 5.14 | **Passed** |
| Impact (operational) | 5.15 | **Passed** |
| Vibration, sinusoidal (operational) | 5.16 | **Passed** |
| Vibration, sinusoidal (endurance) | 5.17 | **Passed** |

8 Appropriate technical documentation and/or specific technical documentation:

**NA**

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

Reggio Emilia 07/05/2025

RCF S.P.A.

Dr. Remo Morlini, Manager Director