

# Declaration of Performance



According to Construction Products Regulation EU N° 305/2011

Declaration number:

**006\_14**

1 Unique identification code of the product-type:

**DP 5EN**

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 standards:

**EN 54-24:2008**

Notified bodies:

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

6b European Assessment Document:

**NA**

7 Declared performance:

| Essential characteristics                          | Harmonized standard<br>EN 54-24: 2008 - Clause | Performance   |
|--|--|---------------|
| <b>Performance parameters under fire condition</b> |  |               |
| Frequency response limit                           | 4.2  | <b>Passed</b> |
| Reproducibility                                    | 5.2  | <b>Passed</b> |
| Rated impedance                                    | 5.3  | <b>Passed</b> |
| Horizontal and vertical coverage angles            | 5.4  | <b>Passed</b> |
| Maximum sound pressure level                       | 5.5  | <b>Passed</b> |
| <b>Operational reliability</b>                     |  |               |
| Durability   | 4.3  | <b>Passed</b> |



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|   |      |        |
|---|------|--------|
| Construction  | 4.4  | Passed |
| Marking and data  | 4.5  | Passed |
| Rated noise power (durability)  | 5.6  | Passed |
| Enclosure protection  | 5.18 | Passed |
| <b>Durability of operational reliability, temperature resistance</b>          |      |        |
| Dry heat (operational)  | 5.7  | Passed |
| Dry heat (endurance)  | 5.8  | Passed |
| Cold (operational)  | 5.9  | Passed |
| <b>Durability of operational reliability, humidity resistance</b>             |      |        |
| Damp heat, cyclic (operational)   | 5.10 | Passed |
| Damp heat, steady state (endurance)   | 5.11 | Passed |
| Damp heat, cyclic (endurance)   | 5.12 | Passed |
| <b>Durability of operational reliability, corrosion resistance</b>            |      |        |
| Sulphur dioxide corrosion (endurance)   | 5.13 | Passed |
| <b>Durability of operational reliability, impact and vibration resistance</b> |      |        |
| 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 11/09/2024

**RCF S.P.A.**

Dr. Remo Morlini, Managing Director



# Declaration of Performance



According to Construction Products Regulation EU N° 305/2011

Declaration number:

**007\_14**

1 Unique identification code of the product-type:

**BD 5EN**

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 standards:

**EN 54-24:2008**

Notified bodies:

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

6b European Assessment Document:

**NA**

7 Declared performance:

| Essential characteristics                          | Harmonized standard | Performance   |
|--|---------------------|---------------|
| <b>Performance parameters under fire condition</b> |                     |               |
| Frequency response limit                           | 4.2                 | <b>Passed</b> |
| Reproducibility                                    | 5.2                 | <b>Passed</b> |
| Rated impedance                                    | 5.3                 | <b>Passed</b> |
| Horizontal and vertical coverage angles            | 5.4                 | <b>Passed</b> |
| Maximum sound pressure level                       | 5.5                 | <b>Passed</b> |
| <b>Operational reliability</b>                     |                     |               |
| Durability   | 4.3                 | <b>Passed</b> |



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According to Construction Products Regulation EU N° 305/2011

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| Construction  | 4.4  | Passed |
| Marking and data  | 4.5  | Passed |
| Rated noise power (durability)  | 5.6  | Passed |
| Enclosure protection  | 5.18 | Passed |
| <b>Durability of operational reliability, temperature resistance</b>          |      |        |
| Dry heat (operational)  | 5.7  | Passed |
| Dry heat (endurance)  | 5.8  | Passed |
| Cold (operational)  | 5.9  | Passed |
| <b>Durability of operational reliability, humidity resistance</b>             |      |        |
| Damp heat, cyclic (operational)   | 5.10 | Passed |
| Damp heat, steady state (endurance)   | 5.11 | Passed |
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| Sulphur dioxide corrosion (endurance)   | 5.13 | Passed |
| <b>Durability of operational reliability, impact and vibration resistance</b> |      |        |
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Reggio Emilia 11/09/2024

  
**RCF S.P.A.**

Dr. Remo Morlini, Managing Director



# Declaration of Performance



According to Construction Products Regulation EU N° 305/2011

Declaration number:

**008\_14**

1 Unique identification code of the product-type:

**BS 5EN**

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 standards:

**EN 54-24:2008**

Notified bodies:

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

6b European Assessment Document:

**NA**

7 Declared performance:

| Essential characteristics                          | Harmonized standard<br>EN 54-24: 2008 - Clause | Performance   |
|--|--|---------------|
| <b>Performance parameters under fire condition</b> |  |               |
| Frequency response limit                           | 4.2  | <b>Passed</b> |
| Reproducibility                                    | 5.2  | <b>Passed</b> |
| Rated impedance                                    | 5.3  | <b>Passed</b> |
| Horizontal and vertical coverage angles            | 5.4  | <b>Passed</b> |
| Maximum sound pressure level                       | 5.5  | <b>Passed</b> |
| <b>Operational reliability</b>                     |  |               |
| Durability   | 4.3  | <b>Passed</b> |



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| Marking and data  | 4.5  | Passed |
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| Enclosure protection  | 5.18 | Passed |
| <b>Durability of operational reliability, temperature resistance</b>          |      |        |
| Dry heat (operational)  | 5.7  | Passed |
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