Declaration of Performance

CE

According to Construction Products Regulation EU N° 305/2011

Declaration number:

004_25

1 Unique identification code of the product-type:

COMPACT C 32 WP / COMPACT C 45 WP (Type B)

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	**Passed**
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	**Passed**
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