

Declaration of Performance



According to Construction Products Regulation EU N° 305/2011

Declaration number:

010_17

1 Unique identification code of the product-type:

BD 2412EN

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:

1488 - Instytut Techniki Budowlanej

6b European Assessment Document:

NA

7 Declared performance:

Essential characteristics	Harmonized standard	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
Operational reliability		
Durability	4.3	Passed



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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
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 (endurance)	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 11/09/2024


RCF S.P.A.

Dr. Remo Morlini, Managing Director

