

# Declaration of Performance



According to Construction Products Regulation EU N° 305/2011

Declaration number:

**005\_14**

1 Unique product-type identification name:

**WALL MOUNT SPEAKER DU 50EN**

2 Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11, paragraph 4:

**DU 50EN**

3 Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

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

4 Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11, paragraph 5:

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

5 Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article, paragraph 2:

**NOT APPLICABLE**

6 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

**SYSTEM 1**

7 In case of the Declaration of performance concerning a construction product covered by a harmonised standard:

**Notified Body n.1488  
Building Research Institute  
Ul. FILTROWA 1, 00-611 WARZAWA**

**Performed 1) initial type testing of the product, 2) initial inspection of the factory and 3) factory production control, continuous surveillance, assessment and approval of the factory production control under system 1, and issued Certificate of Conformity No. 1488-CPR-0489/W dated 05/12/2014.**

8 In case of the Declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

**NOT APPLICABLE**



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9 Declared performance:

All requirements including all Essential Characteristics and the corresponding performances for the intended use or uses indicated in point 3 above have been determined as described in the Harmonized European Standards mentioned in the table below:

Essential characteristics	Harmonized standard EN 54-24: 2008 - Clause	Performance
<b>Performance parameters under fire condition</b>		
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
<b>Operational reliability</b>		
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
<b>Durability of operational reliability, temperature resistance</b>		
Dry heat (operational)	5.7	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
<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



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10 Declaration:

**The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.**

**This Declaration of Performance is issued under the sole responsibility of the manufacturer identified in point 4.**

Reggio Emilia 14/02/2022



**RCF S.P.A.**

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Dr. Remo Morlini, Manager Director

