



Declaration of Performance

According to Construction Products Regulation EU No. 305/2011

No. 1438-CPR-0545 Issue 06

1. Unique identification code of the product-type:

VORTIS 2 VR2-10810
VORTIS 2 VR2-10810 100 V

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

VR2-10810
VR2-10810 100 V

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

Fire detection and Fire alarm systems – part 24: Components of Voice Alarm systems
– Loudspeakers; EN 54-24:2008

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

Stamer Musikanlagen GmbH
Magdeburger Straße 8
66606 St. Wendel
Germany

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(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:

JEDNOSTKA NOTYFIKOWANA / NOTIFIED BODY 1438
CENTRUM NAUKOWO-BADAWCZE OCHRONY PRZECIWOŻAROWEJ
im. Józefa Tuliszkowskiego
PAŃSTWOWY INSTYTUT BADAWCZY

performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control under system 1 and issued the certificate of constancy of performance:

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

Not applicable, see item 7

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification EN 54-24:2008; Clause
Frequency response limits	pass	4.2
Durability	pass	4.3
Construction	pass	4.4
Marking and data	pass	4.5
Reproducibility	pass	5.2
Rated impedance	pass	5.3
Horizontal and vertical coverage angles	pass	5.4
Maximum sound pressure level	pass	5.5
Rated noise power (durability)	pass	5.6
Dry heat (operational)	pass	5.7
Dry heat (endurance)	pass	5.8
Cold (operational)	pass	5.9
Damp heat, cyclic (operational)	pass	5.10
Damp heat, steady state (endurance)	pass	5.11
Damp heat, cyclic (endurance)	pass	5.12
Sulphur dioxide corrosion (endurance)	pass	5.13
Impact (operational)	pass	5.15
Vibration, sinusoidal (operational)	pass	5.16
Vibration, sinusoidal (endurance)	pass	5.17
Enclosure protection	pass	5.18

10. The performance of the product identified in point 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.

Signed for and on behalf of the manufacturer by:




Lothar Stamer Dipl.Ing., Managing Director

St. Wendel, 11/20/2020



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EN 54-24 Loudspeaker for voice alarm systems in fire detection systems in buildings VORTIS 2 VR2-10810 VORTIS 2 VR2-10810 100 V Provided options: Type B Technical data: See datasheet 2019-06 of the manufacturer