

Declaration of Performance No. 0359-CPR-00294 REV 03

Declaration of Performance according to the Construction Products Regulation EU No. 305/2011

1. Unique identification code of the product type	Model(s): ZRW460-3C, ZRC460-3C, ZRW466-3C, ZRC466-3C, ZRW460-3WC, ZRC460-3WC, ZRW466-3WC, ZRC466-3WC Brand(s): Ziton
2. Type, batch, or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4)	Each individual product is identified with a label containing a unique serial number.
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 – Components using radio links EN54-25, Fire alarm devices – Sounders EN54-3 and Fire alarm devices – Visual alarm devices EN54-23.
4. Name, registered trade name, or registered trade mark and contact address of the manufacturer as required pursuant Article 11(5)	EMS Security Group Limited Technology House, Sea Street, Herne Bay, Kent, CT6 8JZ
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2)	EMS Security Group Limited Technology House, Sea Street, Herne Bay, Kent, CT6 8JZ.
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	Intertek Deutschland GmbH– 0905; 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 an EC certificate of conformity. 0905-CPR-00294
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:	Not applicable, see point 7

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 harmonised technical specifications: EN54-25:2008 EN 54-3: 2001 and EN54-23:2010 mentioned in the table(s) below.

Fire detection and fire alarm systems – Components using radio links EN54-25

Essential characteristics	Performance	Requirement clauses in this European standard
Performance parameters under fire conditions	PASS	4.1, 4.2.2, 5.2, 8.3.7 (see note a)
Response delay (response time to fire)	PASS	8.2.3, 8.2.6 (see note a)
Operational reliability	PASS	4.2.1, 4.2.3 to 4.2.7, 5.3, 5.4, 6, 7, 8.2.2, 8.2.4, 8.2.5, 8.2.7, 8.2.8 ^b , 8.2.9, 8.3.1, 8.3.2, 8.3.3, 8.3.5, 8.3.6
Durability of operational reliability, Temperature resistance	PASS	8.3.9 ^c , 8.3.10 ^c , 8.3.11
Durability of operational reliability, Vibration resistance	PASS	8.3.16 ^c , 8.3.17 to 8.3.19
Durability of operational reliability, Humidity resistance	PASS	8.3.12 ^d , 8.3.13 ^e , 8.3.14
Durability of operational reliability, Corrosion resistance	PASS	8.3.15 ^c
Durability of operational reliability, Electrical stability	PASS	8.3.20

a The products covered by this standard are assumed to enter the alarm condition, in an event of fire, before the fire becomes so large as to affect their functioning. There is no requirement to function when exposed to direct attack from fire.

b Only applicable to components required to indicate loss of communication or to transmit this information to the CIE.

c Not applicable for CIE.

d Not applicable for CIE and smoke detectors.

e Only applicable for CIE and smoke detectors.

Fire detection and fire alarm systems – – Fire alarm devices – Sounders EN54-3

Essential characteristics	Performance	Requirement clauses in this European standard
Performance under fire condition	PASS	4.2, 4.3, 5.2, 5.3, C.3.1, C.3.2, C.5.1, C.5.2, C.5.3 (see note a and b)
Operational reliability	PASS	4.4, 4.5, 4.6, 5.4, C4 (see note a)
Durability of operational reliability, Temperature resistance	PASS	5.5, 5.6, 5.7, 5.8, 5.9 (see note c)
Durability of operational reliability, Humidity resistance	PASS	5.8, 5.9, 5.10 (see note c)
Durability of operational reliability, Corrosion resistance	PASS	5.11
Durability of operational reliability, Shock and vibration resistance	PASS	5.12 to 5.15
Durability of operational reliability, Electrical stability	PASS	5.16 (see note d)
Durability of operational reliability, Resistance to ingress	PASS	5.17
<p>a C.3, C.4, C.5.1, C.5.2 and C.5.3 apply only to voice sounders.</p> <p>b C.3.2 and C.5.3 apply only to voice sounders with the message synchronisation option.</p> <p>c 5.6 and 5.10 applies only to outdoor sounders or outdoor voice sounders.</p> <p>d 5.16 applies only to sounders or voice sounders with active electronic components</p>		

Fire detection and fire alarm systems – – Fire alarm devices – Sounders EN54-23

Essential characteristics	Performance	Requirement clauses in this European standard
Operational reliability:		
Duration of operation	PASS	4.2.1
Provision for external conductors	PASS	4.2.2
Flammability of materials	PASS	4.2.3
Enclosure protection	PASS	4.2.4
Access	PASS	4.2.5
Manufacturer's adjustments	PASS	4.2.6
On-site adjustment of behaviour	PASS	4.2.7
Requirements for software controlled devices	PASS	4.2.8
Performance parameters under fire condition		
Coverage volume	PASS	4.3.1
Variation of light output	PASS	4.3.2
Minimum and maximum light intensity	PASS	4.3.3
Light colour	Red/White	4.3.4
Light temporal pattern and frequency of flashing	Pass/Hz	4.3.5
Marking and data	PASS	4.3.6
Synchronization (option with requirements)	PASS	4.3.7
Durability:		
Temperature resistance:		
Dry heat (operational)	PASS	4.4.1.1
Dry heat (endurance)	PASS	4.4.1.2
Cold (operational)	PASS	4.4.1.3
Humidity resistance:		
Damp heat, cyclic (operational)	PASS	4.4.2.1
Damp heat, steady state (endurance)	PASS	4.4.2.2
Damp heat, cyclic (endurance)	PASS	4.4.2.3
Shock and vibration resistance:		
Shock (operational)	PASS	4.4.3.1
Impact (operational)	PASS	4.4.3.2
Vibration (operational)	PASS	4.4.3.3
Vibration (endurance)	PASS	4.4.3.4
Corrosion resistance:		
SO ₂ corrosion (endurance)	PASS	4.4.4
Electrical stability:		
EMC, immunity (operational)	PASS	4.4.5


10. The performance of the product identified in items 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 by: Daniel Griffin
Director of Test & Compliance



Location: EMS Security Group Limited,
Technology House, Sea Street,
Herne Bay, Kent, CT6 8JZ, U.K.

Date: 16th December 2020

Regulation (EU) No. 305/2011 CPR Supplementary CE marking information

Identification of the Certification Body: 0905
Manufacturer: EMS Security Group Limited, Technology House, Sea Street, Herne Bay, Kent, CT6 8JZ, U.K.
Last two digits of year CE mark was first placed: 14
Declaration of Performance (DoP) Number: 0359-CPR-00294 REV 03
EN54-25:2008, EN 54-3: 2001 and EN54-23:2010
Unique identification of product type: See the product label for the product documentation part number and revision.
Intended use: See DoP point 3.
Essential characteristics: See DoP point 9.