

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-00294

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s)

Product(s): Ziton range of wireless wall and ceiling mounted beacons and sounder beacons
(refer to attached appendix for details and conditions)

Placed on the market under the name or trade mark of: UTC Fire & Security B.V.
Kelvinstraat 7
6003 DH Weert
The Netherlands

and produced in the manufacturing plant(s): EMS Security Group Limited (SG-15557)
Technology House, Sea Street
Herne Bay, Kent, CT6 8JZ
United Kingdom

Intended use: Texecom Ltd. (SG-11890)
St Crispin Way, Bradwood Court
Haslingden, BB4 4PW
United Kingdom
Fire Safety

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

EN 54-3:2001+A1:2002+A2:2006
EN 54-23:2010

Under System 1 for the performance set out in this certificate are applied and that the performance of the construction product is assessed to remain constant.

This certificate was first issued under **0359-CPR-00294** on **2014-04-11** and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Notified Body
0905

Certification Manager: Dipl.-Ing. Roland Heine

Signature:


96029



Date Issue: 2020-10-07
Issue: 1

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APPENDIX TO: Certificate of Constancy of Performance 0905-CPR-00294

The details and conditions of use for the Ziton range of wireless wall and ceiling mounted beacons and sounder beacons, placed on the market under the name or trade mark of:

UTC Fire & Security B.V.
Kelvinstraat 7
6003 DH Weert
The Netherlands

To be used in accordance with the supplier's installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (*where applicable*):

Products compliant with EN 54-3:2001+A1:2002+A2:2006 and EN 54-23:2010:

Model	Manufacturing Location	Description
ZXW466-3C	SG-15557, SG-11890	Red Wireless Wall Sounder Beacon with Clear Flash
ZXC466-3C	SG-15557, SG-11890	Red Wireless Ceiling Sounder Beacon with Clear Flash
ZXW466-3WC	SG-15557, SG-11890	White Wireless Wall Sounder Beacon with Clear Flash
ZXC466-3WC	SG-15557, SG-11890	White Wireless Ceiling Sounder Beacon with Clear Flash

Products compliant with EN54-23:2010:

ZXW460-3C	SG-15557, SG-11890	Red Wireless Wall Beacon with Clear Flash
ZXC460-3C	SG-15557, SG-11890	Red Wireless Ceiling Beacon with Clear Flash
ZXW460-3WC	SG-15557, SG-11890	White Wireless Wall Beacon with Clear Flash
ZXC460-3WC	SG-15557, SG-11890	White Wireless Ceiling Beacon with Clear Flash

Bases:

The above devices are intended for use with the following EN54 25:2008+AC:2012 compliant wireless bases.

Variant	Description
ZX455-3R	Red Wireless Sounder Beacon Base
ZX455-3W	White Wireless Sounder Beacon Base

To be used in accordance with the supplier's installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (*where applicable*):

Approved settings/conditions:

EN54-3:2001+A1:2002+A2:2006:

Synchronization

Compliant tones: 1, 2, 3, 6, 7 and 13

EN54-23:2010:

Category: Ceiling mounted beacons C-3-15: Wall mounted beacons W-3.1-11.3

Flash rates: 0.5 and 1Hz

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Conditions of use:

Suitable for indoor applications (Type A)

General Notes:

1. Evaluated under Intertek project number G101457913.
2. The wireless base is manufactured by EMS Security Group and the sounder/beacon is manufactured by Texecom.
3. No CE or other type approval is made or inferred outside of the attestation of conformity and the product performance as stipulated on this certificate.

Packing variants

The approved beacons and sounder beacons could be supplied complete with a base assembly.

The packing variants had the following part numbers:

Products compliant with EN54-23:2010 and EN54-25:2008+AC:2012:

Variant	Description
ZRW460-3C	Red Wireless Wall Beacon with Clear Flash and Red Wireless Sounder Beacon Base ZXW460-3C with ZX455-3R
ZRC460-3C	Red Wireless Ceiling Beacon with Clear Flash and Red Wireless Sounder Beacon Base ZXC460-3C with ZX455-3R
ZRW460-3WC	White Wireless Wall Beacon with Clear Flash and White Wireless Sounder Beacon Base ZXW460-3WC with ZX455-3W
ZRC460-3WC	White Wireless Ceiling Beacon with Clear Flash and White Wireless Sounder Beacon Base ZXC460-3WC with ZX455-3W

Products compliant with EN54-3:2001+A1:2002+A2:2006, EN54-23:2010 and EN54-25:2008+AC:2012:

Variant	Description
ZRW466-3C	Red Wireless Wall Sounder Beacon with Clear Flash and Red Wireless Sounder Beacon Base ZXW466-3C with ZX455-3R
ZRC466-3C	Red Wireless Ceiling Sounder Beacon with Clear Flash and Red Wireless Sounder Beacon Base ZXC466-3C with ZX455-3R
ZRW466-3WC	White Wireless Wall Sounder Beacon with Clear Flash and White Wireless Sounder Beacon Base ZXW466-3WC with ZX455-3W
ZRC466-3WC	White Wireless Ceiling Sounder Beacon with Clear Flash and White Wireless Sounder Beacon Base ZXC466-3WC with ZX455-3W

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Table of performance for EN 54-3:2001+A1:2002+A2:2006		
Harmonised technical specification		
Essential characteristics	Performance	Requirement clauses in this European standard
Performance parameters under fire conditions	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 notes a, b, e)
Operational reliability	PASS	4.4, 4.5, 4.6, 5.4, C4
Durability of operational reliability, Temperature resistance	PASS	5.5, 5.6, 5.7, 5.8, 5.9 (See note c)
Durability of operational reliability, Vibration resistance	PASS	5.12to 5.15
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, 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> <p>e 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 therefore no requirement to function when exposed to direct attack from fire.</p>		

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Table of performance for EN 54-23:2010 Harmonised technical specification		
Essential characteristics	Performance	Requirement clauses in this European standard
Performance parameters under fire conditions	PASS	4.3.1, 4.3.2, 4.3.3, 4.3.4, 4.3.5, 4.3.6, 4.3.7 (see note a)
Operational reliability	PASS	4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5, 4.2.6, 4.2.7, 4.2.8
Durability of operational reliability, Temperature resistance	PASS	4.4.1.1, 4.4.1.2, 4.4.1.3
Durability of operational reliability, Vibration resistance	PASS	4.4.3.1, 4.4.3.2, 4.4.3.3, 4.4.3.4
Durability of operational reliability, Humidity resistance	PASS	4.4.2.1, 4.4.2.2, 4.4.2.3
Durability of operational reliability, Corrosion resistance	PASS	4.4.4
Durability of operational reliability, Electrical stability	PASS	4.4.5
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.		

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