DoP - DECLARATION of PERFORMANCE

N° HF-20-020CPR (Conformity EU 305/2011)

1. Unique identification code of the product type:

TAURUS TAU-BSB-23R-01

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

TAU-BSB-23R-01 TAURUS WIRELSS TYPE A SOUNDER BEACON BASE – RED LED
Operating Frequency Band: 868 MHz

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

For use in compatible fire detection and alarm system

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

STERLING SAFETY SYSTEMS LTD.
Unit B12a, Holly Farm Business Park
Honiley, Warwickshire
CV8 1NP, UK
sales@sterlingsafety.co.uk **www.sterlingsafety.co.uk**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in article 12(2):

N/A

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

System 1

7. In case of the declaration of performance concerning a construction product covered by harmonized standard:

EN 54-3: 2001 + A1:2002 + A2:2006
EN 54-23: 2010
EN 54-25: 2008 + AC:2012

IMQ S.p.A. , N.B. No. 0051, performed the necessary initial inspection of the manufacturing plant and the factory production control together with ongoing continuous surveillance and issued the certificate confirming constancy of the conformity of the factory production control

TAU-BSB-23R-01: 0051 – CPR – 2179

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

N/A

9. Declared performance:

ESSENTIAL CHARACTERISTICS	CLOSE APPLICABLE	PERFORMANCE	HARMONISED STANDARD
Performance under fire conditions	4.2, 4.3, 5.2, 5.3	PASS	EN 54-3: 2001 + A1:2002; + A2:2006
Operational reliability	4.4, 4.5, 4.6, 5.4	PASS	
Durability of operational reliability, temperature resistance	5.5, 5.7, 5.8, 5.9	PASS	
Durability of operational reliability, humidity resistance	5.8, 5.9	PASS	
Durability of operational reliability, corrosion resistance	5.11	PASS	
Durability of operational reliability, shock and vibration resistance	5.12 to 5.15	PASS	
Durability of operational reliability, electrical stability	5.16	PASS	
Durability of operational reliability, resistance to ingress	5.17	PASS	

ESSENTIAL CHARACTERISTICS	CLOSE APPLICABLE	PERFORMANCE	HARMONISED STANDARD
Performance parameters under fire conditions	4.1, 4.2.2, 5.2, 8.3.7	PASS	EN 54-25:2008 + AC:2012
Response delay (response time to fire)	8.2.3, 8.2.6	PASS	
Operational reliability	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, 8.2.9, 8.3.1, 8.3.2, 8.3.3, 8.3.4, 8.3.5, 8.3.6	PASS	
Durability of operational reliability, temperature resistance	8.3.9, 8.3.10, 8.3.11	PASS	
Durability of operational reliability, vibration resistance	8.3.16, 8.3.17 to 8.3.19	PASS	
Durability of operational reliability, humidity resistance	8.3.13, 8.3.14	PASS	
Durability of operational reliability, corrosion resistance	8.3.15	PASS	
Durability of operational reliability, electrical stability	8.3.20	PASS	

ESSENTIAL CHARACTERISTICS	CLOSE APPLICABLE	PERFORMANCE	HARMONISED STANDARD
Operational reliability:			EN 54-23:2010
Duration of operation	4.2.1		
Provision for external conductors	4.2.2		
Flammability of materials	4.2.3		
Enclosure protection	4.2.4	PASS	
Access	4.2.5		
Manufacturer's adjustments	4.2.6		
On-site adjustment of behavior	4.2.7		
Requirements for software controlled devices	4.2.8		
Performance parameters under fire condition:			
Coverage volume	4.3.1	PASS	
Variation of light output	4.3.2	PASS	
Minimum and maximum light intensity	4.3.3	PASS	
Light colour	4.3.4	PASS	
Light temporal pattern and frequency of flashing	4.3.5	PASS	
Marking and data	4.3.6	PASS	
Synchronization (option with requirements)	4.3.7	PASS	
Durability:			
Temperature resistance:			
Dry heat (operational)	4.4.1.1		
Dry heat (endurance)	4.4.1.2		
Cold (operational)	4.4.1.3		
Humidity resistance:			
Damp heat, cyclic (operational)	4.4.2.1		
Damp heat, steady state (endurance)	4.4.2.2		
Damp heat, cyclic (endurance)	4.4.2.3	PASS	
Shock and vibration resistance:			
Shock (operational)	4.4.3.1		
Impact (operational)	4.4.3.2		
Vibration (operational)	4.4.3.3		
Vibration (endurance)	4.4.3.4		
Corrosion resistance:			
SO2 corrosion (endurance)	4.4.4		
Electrical stability:			
EMC, immunity (operational)	4.4.5		

10. The performance of the products identified in points 1 and 2 are in conformity with the declared performance in the point 9. This declaration is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Paul Parkes – Business Unit Manager – Sterling Safety Systems Ltd.

Honiley UK, 21 September 2020

Paul Parkes
Business Unit Manager