

## DECLARATION OF PERFORMANCE

According to EU Construction Products Regulation No. 305/2011

1. Unique Product Identification Code(s): CWSO
2. Type Number(s): CWSO-RR-[YY]  
CWSO-WW-[YY].  
Where:
  - CWSO-RR-[YY] indicates a red body
  - CWSO-WW-[YY] indicates a white body

[YY] Denotes mounting options:

  - S1 = Shallow back box (standard fix)
  - S2 = Shallow back box (first fix)
  - W1 = Deep back box (standard fix)
  - W2 = Deep back box (first fix)

Approved Accessories

  - CSW/CSR 19mm shallow back box – white/red
  - CWW/CWR 45mm deep back box – white/red
3. Intended Use: Fire Alarm Devices - Sounders
4. Manufacturer: Fire detection and fire alarm systems installed in and around buildings  
KAC Alarm Company  
KAC House  
Thornhill Road  
North Moons Moat  
Redditch  
B98 9ND  
UK
5. Trading Company: KAC Alarm Company  
KAC House  
Thornhill Road  
North Moons Moat  
Redditch  
B98 9ND  
UK
6. System of assessment: System 1
7. Notified Body: BRE Global Ltd  
Notified Body Number: 0832  
EC Certificate Number(s) 0382-CPR-F0254
8. European Technical Assessment Reference: Not Applicable
9. Declared Performance:

EN 54-3: Fire Detection and Fire Alarms Systems – Sounders		
Clause	Essential Characteristic	Performance
4.1.	Compliance	Pass
4.2.	Sound level	Pass
4.3.	Frequency and sound pattern	Pass
4.4.	Durability	Pass
4.5.	Construction	Pass
4.6.	Marking and data	Pass
5.2.	Reproducibility	Pass
5.3.	Operational performance	Pass
5.4.	Durability	Pass
5.5.	Dry heat (operational)	Pass
5.6.	Dry heat (endurance)	Pass
5.7.	Cold (operational)	Pass



5.8	Damp heat, cyclic (operational)	Pass
5.9	Damp heat, steady state (endurance)	Pass
5.10	Damp heat cyclic (endurance)	Pass
5.11	Sulphur dioxide (SO2) corrosion (endurance)	Pass
5.12	Shock (operational)	Pass
5.13	Impact (operational)	Pass
5.14	Vibration, sinusoidal (operational)	Pass
5.15	Vibration, sinusoidal (endurance)	Pass
5.16	Electromagnetic compatibility (EMC) immunity (operational)	Pass
5.17	Enclosure protection	Pass

10. 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

Signed For and on behalf of: KAC Alarm Company Ltd

Name: Russell Mcnamara

Function: Site Leader

Date and Place of issue: Redditch 7th December 2017