



CPR - DECLARATION of PERFORMANCE

N° 2831-CPR-F4390
(Conformity EU 305/2011)

1. Unique identification code of the product-type:

Model No.:	Brand:	Supplier:
ARF-WL8-EXP		
KM-WL8-EXP	K-Mesh	ASI Oy Ltd.
EK-WL8-EXP	EKHO	

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:

ARF-WL8-EXP	Wireless Expander Module
KM-WL8-EXP	Wireless Expander Module
EK-WL8-EXP	Wireless Expander Module

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:

ASI Oy Ltd.
Laitaatsillantie 3
Savonlinna
57170
Finland
asioy.fi

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:

EN54-18:2005
EN54-25:2008



BRE Global Assurance (Ireland) Limited, N.B. No. 2831, performed the necessary initial inspection of the manufacturing plant and the factory production control together with ongoing continuous surveillance and issued the following certificates confirming constancy of the conformity of the factory production control

Product code:	LPCB Certificate no.:	LPCB ref. no.:	CPR Reference:
ARF-WL8-EXP			
KM-WL8-EXP	1571k	1571k/01	2831-CPR-F4390
EK-WL8-EXP			

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	CLAUSE APPLICABLE	PERFORMANCE	HARMONISED STANDARD
Response delay (response time)	5.2	PASS	EN 54-18:2005
Performance under fire conditions	5.1.4	PASS	
Operational reliability	5.1.4	PASS	
Durability of operational reliability, temperature resistance	5.3, 5.4	PASS	
Durability of operational reliability, vibration resistance	5.8 to 5.11	PASS	
Durability of operational reliability, humidity resistance	5.5, 5.6	PASS	
Durability of operational reliability, corrosion resistance	5.7	PASS	
Durability of operational reliability, electrical stability	5.2, 5.12	PASS	



ESSENTIAL CHARACTERISTICS	CLAUSE APPLICABLE	PERFORMANCE	HARMONISED STANDARD
Performance parameters under fire conditions	4.1, 4.2.2, 5.2, 8.3.7	PASS	EN 54-25:2008
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	

10. This declaration is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

**Tony Betka – Chief Executive Officer
ASI Oy Ltd., Savonlinna, FINLAND**

10 November 2022