



# **Construction Products Regulations (305/2011/EU – CPR)**

# Declaration of Performance – 25990\_00

1. Product: Xtralis VESDA VLF

## 2. Product Type:

allowing identification of the construction product as required pursuant to Article 11(4)

Models:

VLF-250-xx250m² coverage variantVLF-500-xx500m² coverage variant

(where xx indicates the decal language)

French versions:

VLF-250-01NF 250m<sup>2</sup> coverage variant VLF-500-01NF 500m<sup>2</sup> coverage variant

Options:

VIC-010 VESDAnet network card VIC-020 Multifunction control card VIC-030 Multifunction control card

Remote Units:

VRT-100 Remote Programmer VRT-300 VESDAnet socket

VRT-V00 Remote VLF display unit (with 7 relays)
VRT-W00 Remote VLF display unit (no relays)
VRT-500 Remote relay unit (with 7 relays)

VSR-xxxx These remote units may be rack mounted

Ancillaries:

E700-FILASSY In line filter VSP-850 In line filter

#### 3. Intended use:

Aspirating smoke detectors for use in fire detection and fire alarm systems installed in and around buildings

#### 4. Manufacturer:

Xtralis Pty Ltd 4 North Drive, Virginia Park 236-262 East Boundary Road Bentleigh East Victoria 3165 Australia





## 5. European address:

Xtralis UK Ltd
Peoplebuilding
Ground Floor
Maylands Avenue
Hemel Hempstead
Herts HP2 4NW

6. System of assessment: System 1

### 7. The products are certified to the relevant harmonised standard(s) by:

BRE Certification Limited and LPCB Bucknalls Lane Garston Watford WD25 9XX Notified Body Number: 0832

who have performed product type tests, initial inspection and subsequent surveillance of factory production control under system 1 and have issued the following certificates:

 EC Certificate of Conformity Number: 0832-CPD-0771 (Australia) 0832-CPD-0987 (Malaysia)

8. European Technical Assessment(s): Not relevant

9. Declared Performance: See next page

#### 10. Declaration:

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

#### Signed for and on behalf of the manufacturer

Name: Samir Samhouri

Position: CEO

Signature:

Date: June 27, 2013

James Sunhar





## For aspirating smoke detectors the following table applies

Harmonised Technical Specification		EN 54-20:2006
Essential characteristics	Performance	Clause
Nominal activation conditions/sensitivity/response delay and		
performance under fire conditions:		
Response to slowly developing fires	pass	5.6
Repeatability	pass	6.2
Reproducibility	pass	6.3
Fire sensitivity (Class A, B &/or C)	Class A,B & C <sup>(1)</sup>	6.15
Operational reliability:		
Individual alarm indication	pass	5.2
Connection of ancillary devices	pass	5.3
Manufacturer's adjustments	pass	5.4
On-site adjustment of behaviour	pass	5.5
Mechanical strength of the pipework	pass	5.7
Components in the sampling device	pass	5.8
Airflow monitoring	pass	5.9
Power supply	pass <sup>(2)</sup>	5.10
Data	pass	5.11
Software controlled detectors	pass	5.12
Tolerance to supply Voltage:	•	
Variation in supply parameters	pass	6.4
Durability of operational reliability:	•	
Temperature resistance:		
Dry heat (operational)	pass	6.5
Cold (operational)	pass	6.6
Vibration resistance	,	
Shock (operational)	pass	6.10
Impact (operational)	pass	6.11
Vibration sinusoidal (operational)	pass	6.12
Vibration sinusoidal (endurance)	pass	6.13
Electrical stability:	'	
Electromagnetic compatibility (EMC), immunity	pass	6.14
Humidity resistance:	,	-
Damp heat, steady state (operational)	pass	6.7
Damp heat, steady state (endurance)	pass	6.8
Corrosion resistance:	,	
SO2 corrosion (endurance)	pass	6.9

<sup>(1)</sup> The class of any pipe/hole configuration and detector sensitivity is determined using ASPIRE2

<sup>(2)</sup> The detector should be supplied with power from a power supply conforming to EN 54-4