

# DECLARATION OF PERFORMANCE

DoP2018-026

According to the Construction Products Regulation EU no. 305/2011

1	Unique Identification codes of the products	2405ST-E
2	Type, batch or serial number or any other element allowing identification of the construction product	Products are provided a batch manufacturing code based on date format
3	Intended use or uses of the construction product	Battery backed up Power supply for Fire Detection, signaling and indication equipment
4	Name, registered trade name or registered trade mark and contact address of the manufacturer	Elmdene International Limited 3 Keel Close, Interchange Park, Portsmouth, PO3 5QD, UK
5	Where applicable, name and contact address of the authorised representative	Not applicable
6	System or systems of assessment and verification of constancy of performance	System 1 testing
7	Name and Identification of notified body	AFNOR
	Date of compliance and continuing approval	July 2019
	Under System	Level 1 - Factory Production Control
	CPR EC Certificate	0333-CPR-075602-1
8	In case of declaration of performance concerning a construction product for which European Technical Assessment has been issued	Not applicable.

## 9. Declared performance

Essential Characteristics	Performance	Standard
<b>Operational reliability</b>		
4 General Requirements	Pass	EN 54-4:1997 + A1:2002 + A2:2006
5 Functions	Pass	EN 54-4:1997 + A1:2002 + A2:2006
6 Materials, design and manufacture	Pass	EN 54-4:1997 + A1:2002 + A2:2006
7 Documentation	Pass	EN 54-4:1997 + A1:2002 + A2:2006
8 Marking	Pass	EN 54-4:1997 + A1:2002 + A2:2006
<b>Performance of Power Supply</b>		
4 General Requirements	Pass	EN 54-4:1997 + A1:2002 + A2:2006
5 Functions	Pass	EN 54-4:1997 + A1:2002 + A2:2006
6 Materials, design and manufacture	Pass	EN 54-4:1997 + A1:2002 + A2:2006
<b>Durability of operational reliability: temperature resistance</b>		
9.5 Cold (Operational)	Pass	EN 54-4:1997 + A1:2002 + A2:2006
<b>Durability of operational reliability: vibration resistance</b>		
9.7 Impact (operational)	Pass	EN 54-4:1997 + A1:2002 + A2:2006
9.8 Vibration, sinusoidal (operational)	Pass	EN 54-4:1997 + A1:2002 + A2:2006
9.15 Vibration, sinusoidal (endurance)	Pass	EN 54-4:1997 + A1:2002 + A2:2006
<b>Durability of operational reliability: electrical stability</b>		EN 54-4:1997 + A1:2002 + A2:2006
9.9 Electromagnetic Compatibility (EMC), Immunity Tests	Pass	EN 54-4:1997 + A1:2002 + A2:2006
<b>Durability of operational reliability: vibration resistance</b>		
9.7 Vibration, sinusoidal (endurance)	Pass	EN 54-4:1997 + A1:2002 + A2:2006
<b>Durability of operational reliability: humidity resistance</b>		
9.6 Damp heat, steady state (operational)	Pass	EN 54-4:1997 + A1:2002 + A2:2006
9.14 Damp heat, steady state (endurance)	Pass	EN 54-4:1997 + A1:2002 + A2:2006

10. The performance of the Product Identified in (1), (2) above, is in conformity with the declared performance in (9).  
This declaration of Performance is issued under the sole responsibility of the manufacturer identified in (4)  
For and on behalf of Elmdene International Ltd

Peter Long – Product Manager

Date: 1<sup>st</sup> July 2019

Portsmouth - United Kingdom

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DoP2018-026

According to the Construction Products Regulation EU no. 305/2011

1	Unique Identification codes of the products	2405ST-E
2	Type, batch or serial number or any other element allowing identification of the construction product	Products are provided a batch manufacturing code based on date format
3	Intended use or uses of the construction product	Battery backed up Power supply for smoke and heat control systems in buildings
4	Name, registered trade name or registered trade mark and contact address of the manufacturer	Elmdene International Limited 3 Keel Close, Interchange Park, Portsmouth, PO3 5QD, UK
5	Where applicable, name and contact address of the authorised representative	Not applicable
6	System or systems of assessment and verification of constancy of performance	System 1 testing
7	Name and Identification of notified body	AFNOR
	Date of compliance and continuing approval	July 2019
	Under System	Level 1 - Factory Production Control
	CPR EC Certificate	0333-CPR-075602-1
8	In case of declaration of performance concerning a construction product for which European Technical Assessment has been issued	Not applicable.

## 9. Declared performance

Essential Characteristics	Performance	Standard
<b>Operational reliability</b>		
6 Functions	<b>Pass</b>	EN 12101-10: 2005
7 Materials, design and manufacture	<b>Pass</b>	EN 12101-10: 2005
<b>Performance of Power Supply under fire conditions - Class A</b>		
4.1 General Requirements	<b>Pass</b>	EN 12101-10: 2005
5.2.1 Power Sources	<b>Pass</b>	EN 12101-10: 2005
<b>Response time</b>		
4.1 General Requirements	<b>Pass</b>	EN 12101-10: 2005
5.2.1 Power Sources	<b>Pass</b>	EN 12101-10: 2005
6.2.2 Secondary Power Source	<b>Pass</b>	EN 12101-10: 2005
<b>Durability of operational reliability: temperature resistance</b>		
12.4 Cold (Operational)	<b>Pass</b>	EN 12101-10: 2005
<b>Durability of operational reliability: vibration resistance</b>		
12.6 Impact (operational)	<b>Pass</b>	EN 12101-10: 2005
12.7 Vibration, sinusoidal (operational)	<b>Pass</b>	EN 12101-10: 2005
12.9 Vibration, sinusoidal (endurance)	<b>Pass</b>	EN 12101-10: 2005
<b>Durability of operational reliability: electrical stability</b>		EN 12101-10: 2005
12.15 Electromagnetic Compatibility (EMC), Immunity Tests	<b>Pass</b>	EN 12101-10: 2005
<b>Durability of operational reliability: humidity resistance</b>		
12.5 Damp heat, steady state (operational)	<b>Pass</b>	EN 12101-10: 2005
12.8 Damp heat, steady state (endurance)	<b>Pass</b>	EN 12101-10: 2005

10. The performance of the Product Identified in (1), (2) above, is in conformity with the declared performance in (9).  
This declaration of Performance is issued under the sole responsibility of the manufacturer identified in (4)  
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