

# Declaration of Performance

**Nº:1-2-045**

1.- Unique Product identification code:

***RP1r-Supra***

2.- Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

***RP1r-Supra extinguishing panel.***

***Electrical automatic control and delay device.***

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

***Fixed fire fighting system, Fire Detection and Fire alarm Systems.***

***Components for gas extinguishing systems.***

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

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**España**

5.- Where applicable, name and contact address of the authorized representative whose mandate covers the task 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 Annex V:

***System 1***

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

The notified body:

***ANPI 1134***

***Initial inspection of the manufacturing plant***

***Certificate constancy of performance 1134-CPR-045***

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:

Harmonised Technical specification	EN 54-2:1997+A1:2006	
	Performance	Clause
Essential Characteristics		
Performance under fire conditions		
- General requirements	Pass	4
- General requirements for indications	Pass	5
- The fire alarm condition	Pass	7
Response delay (response time to fire)		
- Reception and processing of fire signals	Pass	7.1
- Output of the fire alarms condition	Pass	7.7
- Delay to outputs	Pass	7.11
Operational reliability		
- General requirements	Pass	4
- General requirements for indications	Pass	5
- The quiescent condition	Pass	6
- The fire alarm condition	Pass	7
- Fault warning condition	Pass	8
- Disabled condition	Pass	9
- Test condition	Pass	10
- Design requirements	Pass	12
- Additional design requirements for software controlled control and indicating equipments	Pass	13
- Marking	Pass	14
Durability of operational reliability, temperature resistance		
- Cold (operational)	Pass	15.4
Durability of operational reliability, vibration resistance		
- Impact (operational)	Pass	15.6
- Vibration, sinusoidal(operational)	Pass	15.7
- Vibration, sinusoidal(endurance)	Pass	15.15
Durability of operational reliability, electrical stability		
- Electromagnetic compatibility(EMC), immunity tests (operational)	Pass	15.8
- Supply voltage variations	Pass	15.13
Durability of operational reliability, humidity resistance		
- Damp heat, steady state (operational)	Pass	15.5
- Damp heat, steady state (endurance)	Pass	15.14

<b>Harmonised Technical specification</b>	<b>EN 54-4:1997+A1:2002+A2:2006</b>	
<b>Essential Characteristics</b>	<b>Performance</b>	<b>Clause</b>
<b>Performance of power supply</b> <ul style="list-style-type: none"> <li>- General requirements</li> <li>- Functions</li> <li>- Material, design and manufacture</li> </ul>	Pass Pass Pass	4 5 6
<b>Operational reliability</b> <ul style="list-style-type: none"> <li>- General requirements</li> <li>- Functions</li> <li>- Material, design and manufacture</li> <li>- Documentation</li> <li>- Marking</li> </ul>	Pass Pass Pass Pass Pass	4 5 6 7 8
<b>Durability of operational reliability, temperature resistance</b> <ul style="list-style-type: none"> <li>- Cold (operational)</li> </ul>	Pass	9.5
<b>Durability of operational reliability, vibration resistance</b> <ul style="list-style-type: none"> <li>- Impact (operational)</li> <li>- Vibration, sinusoidal(operational)</li> <li>- Vibration, sinusoidal(endurance)</li> </ul>	Pass Pass Pass	9.7 9.8 9.15
<b>Durability of operational reliability, electrical stability</b> <ul style="list-style-type: none"> <li>- Electromagnetic compatibility(EMC), immunity tests (operational)</li> </ul>	Pass	9.9
<b>Durability of operational reliability, humidity resistance</b> <ul style="list-style-type: none"> <li>- Damp heat, steady state (operational)</li> <li>- Damp heat, steady state (endurance)</li> </ul>	Pass Pass	9.6 9.14

Harmonised Technical specification	EN 12094-1:2003	
Essential Characteristics	Performance	Clause
Performance parameters under fire conditions		
- Signal processing and indication	Pass	4.3
- Reception and processing of input triggering signals	Pass	4.4
- Transmission of extinguishing signal	Pass	4.5
- Activation of alarm devices	Pass	4.6
Response delay (response time)		
- Activated condition	Pass	4.8
Operational reliability		
- General requirements	Pass	4.1
- Environmental class	Pass	4.2
- Indication of the supply with power	Pass	4.7
- Indication of activated condition	Pass	4.9
- Released condition	Pass	4.10
- Indication of released condition	Pass	4.11
- Resetting of activated condition and released condition	Pass	4.12
- Fault warning condition	Pass	4.13
- Indication of fault warning condition	Pass	4.14
- Disabled condition	Pass	4.15
- Indication of disabled condition	Pass	4.16
- Design requirements	Pass	5
- Additional design requirements for software controlled e.c.d	Pass	6
Durability		
- General test requirements	Pass	9.1
- Functional test	Pass	9.2
Durability of operational reliability		
- Environmental test	Pass	9.3

10.- The performances 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 the manufacturer by:



Jordi Isern  
Manager

St Feliu de Llobregat, 1 of July of 2013