

Declaration of Performance

According to construction products declaration EU N0 305/2011/EU
NO. 0786-CPR-20241

1. Unique product identification code:
Firebeam PLUS
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to article 11(4):
Firebeam PLUS
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
**Smoke detector – Line detector using an optical light beam,
For use in fire detection and alarm systems within buildings.**
4. Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to article 11(5):
**Paramit Malaysia Sdn. Bhd.
Plot 372 Penang Science Park, Lorong Perindustrian Bukit Minyak 21
MY 14100 Simpang Ampat Seberang Perai Tengah Penang
MALAYSIA**
5. Where applicable, name and contract address of the authorised representative whose mandate covers the tasks specified in article 12(2):
**The Fire Beam Company Limited
Unit 8 Thames Industrial Estate
High Street South
Dunstable
Bedfordshire
LU6 3HL**
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 the harmonised standard:
VdS Schadenverhütung GmbH 0786
Performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control under system 1 and issued the EC certificates of conformity:
0786-CPR-20241
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:
Not applicable, see item 7

9. Declared performance:

All requirements including all essential characteristics and the corresponding performances for the intended use or uses indicated in 3 have been determined as described in the hEN mentioned in the following.

Essential Characteristics	Performance	Harmonized Technical Specification EN54-12:2002
Nominal activation conditions / sensitivity	Pass	4.5, 4.8, 4.10, 5.2, 5.4, 5.7, 5.8, 5.9, 5.10
Response delay	Pass	5.3, 5.6
Operational reliability	Pass	4.3, 4.4, 4.6, 4.7, 4.9, 5.16, 5.18
Performances under fire conditions	Pass	4.2
Duration of operational reliability Temperature resistance	Pass	5.11, 5.12
Duration of operational reliability Vibration resistance	Pass	5.15
Duration of operational reliability Humidity resistance	Pass	5.13, 5.15
Duration of operational reliability Corrosion resistance	Pass	5.17

10. The performance of the product identified in 1 and 2 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.

Signed for and on behalf of the manufacturer by:



Cliff Key
Managing Director
Dunstable UK - 29th June 2017

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thefirebeam™

