

Certificate of Product Approval


AEI CABLES LIMITED

CERTIFICATE NUMBER	ISSUE	COMPANY ADDRESS
221r	06	Unit 9, Tilley Road Crowther Industrial Estate Washington Tyne & Wear NE38 0AE

The named company is authorised to use the LPCB mark in association with the product(s) listed in this certificate having complied with the requirements of the standard(s) detailed below:

PRODUCTS	STANDARDS (see appendix for details)
Firetec Impact Power	BS 7846:2015 Cat F2 & F120 BS 8519:2020 Clause 11 Category 3
Fire Resistant Cables	

This certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 certificate being maintained.



Signed for BRE Global Ltd

Obada Piracha

Senior Certification Manager

06 October 2025

Date of Issue

03 April 2014

Date of First Issue



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LPCB® is a registered trademark of the Building Research Establishment Ltd.

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Appendix to Certificate No: 221r

AEI CABLES LIMITED

ISSUE

06

Product name			LPCB Ref. No.
Firetec Impact Power			221r/01
Nominal csa of conductor (mm²) (See note 1)	Core Construction	BS 7846-1 (See note 2)	BS 8519 Clause 11 (See note 3)
4.0	2,3 & 4	F2 & F120	Category 3
6.0	2,3 & 4	F2 & F120	Category 3
10	2,3 & 4	F2 & F120	Category 3
16	2,3 & 4	F2 & F120	Category 3
25	2,3 & 4	F2 & F120	Category 3
35	2,3 & 4	F2 & F120	Category 3
50	2,3 & 4	F2 & F120	Category 3
70	2,3 & 4	F2 & F120	Category 3
95	2,3 & 4	F2 & F120	Category 3
120	2,3 & 4	F2 & F120	Category 3

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Product name			LPCB Ref. No.
Firetec Impact Power			221r/01
Nominal csa of conductor (mm²) (See note 1)	Core Construction	BS 7846-1 (See note 2)	BS 8519 Clause 11 (See note 3)
150	2,3 & 4	F2 & F120	Category 3
185	2,3 & 4	F2 & F120	Category 3
240	2,3 & 4	F2 & F120	Category 3
300	2,3 & 4	F2 & F120	Category 3
400	2,3 & 4	F2 & F120	Category 3

Uo/U 600/1000V

Notes:

- Stranded conductor only.
- In meeting the requirements to BS 7846:2015 Category F2 & F120, the Firetec Impact Power cables listed met the requirements for smoke density of EN 61034-2:2005, fire resistance requirements of BS 6387:2013 Categories CWZ, additionally the fire resistant requirements of BS 8491 and achieved less than 0.5%HCl for the insulation, tapes, filler, and outer covering when tested in accordance with EN 60754-1:2014.
- In meeting the requirements of BS 7846:2015 Category F120, the Firetec Impact Power cables listed met the fire resistant requirements for 120 minutes according to BS 8491:2008 and therefore BS 8519:2020 Clause 11 Category 3 for power cables.

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