

Certificate of Product Approval

Certificate Number: 221r

Issue: 05

AEI CABLES LIMITED

Unit 9, Tilley Road
Crowther Industrial Estate
Washington
Tyne & Wear
NE38 0AE

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

Product(s)

Cable Types as listed below:
Firetec Impact Power

Standard(s) (see Appendix for details)

BS 7846:2015 Cat F2 & F120
BS 8519:2020 Clause 11 Category 3

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

Obada Piracha

Signed for BRE Global Ltd.

Obada Piracha

Senior Certification Manager

9 May 2025

Date of Issue

3 April 2014

Date of First issue



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Appendix to Certificate No: 221r AEI CABLES LIMITED

Issue: 05

Product name			LPCB Ref. No.
Firetec Impact Power			221r/01
Nominal csa of conductor (mm²)	Core Construction	BS 7846-1 (See note 2)	BS 8519 Clause 11 (See note 3)
4.0 ⁽¹⁾	3 & 4	F2 & F120	Category 3
6.0 ⁽¹⁾	3 & 4	F2 & F120	Category 3
10 ⁽¹⁾	3 & 4	F2 & F120	Category 3
16 ⁽¹⁾	3 & 4	F2 & F120	Category 3
25 ⁽¹⁾	3 & 4	F2 & F120	Category 3
35 ⁽¹⁾	3 & 4	F2 & F120	Category 3
50 ⁽¹⁾	3 & 4	F2 & F120	Category 3
70 ⁽¹⁾	3 & 4	F2 & F120	Category 3
95 ⁽¹⁾	3 & 4	F2 & F120	Category 3
120 ⁽¹⁾	3 & 4	F2 & F120	Category 3
150 ⁽¹⁾	3 & 4	F2 & F120	Category 3
185 ⁽¹⁾	3 & 4	F2 & F120	Category 3

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Obada Alieva

Signed for BRE Global Ltd.

Obada Piracha

Senior Certification Manager

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Issue: 05

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

Uo/U 600/1000V

Notes:

1. Stranded conductor only.
2. 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.
3. 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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Obada Alieva
Signed for BRE Global Ltd.

Obada Piracha
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