

# **Certificate of Product Approval**

Certificate Number: 1410a Issue: 01



Riverside Park Road Middlesbrough Cleveland TS2 1QW



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

### Product(s)

Cable Types as listed below: ZFLAM200

See Certificate Appendix for details

## **Standard(s)** (see Appendix for details)

BS 6387:2013 (CWZ)

EN 50267-2-1:1999

EN 61034-2:2005+A1:2013

EN 50200:2006 Annex E (30 mins)

EN 50200:2006 (Class PH120)

EN 60332-3-24:2009

EN 60332-3-25:2009

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

Signed for LPCB

Karen Coull

25 May 2017

25 May 2017

Certification Scheme Manager

Date of Issue

Date of First issue





This certificate and appendix remain the property of BRE Global Ltd and is issued subject to terms and conditions (for details visit <a href="https://www.redbooklive.com/terms">www.redbooklive.com/terms</a>).

To check the validity of this certificate and appendix please visit <a href="https://www.redbooklive.com/check">www.redbooklive.com/check</a>, scan the QR tag or contact us.

LPCB is part of BRE Global Ltd, Garston, Watford, WD25 9XX T: +44 (0)333 321 8811 F: +44 (0)1923 664603 E: enquiries@breglobal.com







# Appendix to Certificate No: 1410a CLEVELAND CABLE COMPANY

Product name

LPCB Ref. No.

ZFLAM200

1410a/01

Nominal csa of conductor (mm²)	Core Construction (excluding drain wire and earth)	BS 6387	EN 50267-2-1	EN 61034-2	EN 50200 Annex E	EN 50200
0.5 <sup>(1)</sup>	2, 3 & 4	C,W,Z	<0.5% HCI	>60%	30min <sup>(3)</sup>	Class PH120
0.75(1)	2, 3 & 4	C,W,Z	<0.5% HCI	>60%	30min <sup>(3)</sup>	Class PH120
1.0(1)	2, 3 & 4	C,W,Z	<0.5% HCI	>60%	30min <sup>(3)</sup>	Class PH120
1.5 <sup>(1)</sup>	2, 3 & 4	C,W,Z	<0.5% HCI	>60%	30min <sup>(3)</sup>	Class PH120
2.5(1)	2, 3 & 4	C,W,Z	<0.5% HCI	>60%	30min <sup>(3)</sup>	Class PH120
4.0(2)	2, 3 & 4	C,W,Z	<0.5% HCI	>60%	30min <sup>(3)</sup>	Class PH120

#### Uo/U 300/500V

### Notes:

- 1. Solid conductor only.
- 2. Stranded conductor only.
- 3. The duration of 30 min when tested in accordance with EN 50200: 2006 Annex E is achieved by 15 min for the fire and mechanical shock phase and a further 15 min for the fire mechanical shock and water phase.
- 4. Where the cable diameter is greater than 12mm the cable is additionally approved to EN 60332-3-24.
- 5. Where the cable diameter is equal to or less than 12mm the cable is additionally approved to EN 60332-3-25.

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

Kylorel

Karen Coull

25 May 2017

25 May 2017

Signed for LPCB

Certification Scheme Manager

Date of Issue

Date of First issue





This certificate and appendix remain the property of BRE Global Ltd and is issued subject to terms and conditions (for details visit <a href="https://www.redbooklive.com/terms">www.redbooklive.com/terms</a>).

To check the validity of this certificate and appendix please visit <a href="https://www.redbooklive.com/check">www.redbooklive.com/check</a>, scan the QR tag or contact us.

LPCB is part of BRE Global Ltd, Garston, Watford, WD25 9XX T: +44 (0)333 321 8811 F: +44 (0)1923 664603 E: <u>enquiries@breglobal.com</u>





Issue: 01