

Certificate of Product Approval

Certificate Number: 782k

Issue: 01

DUBAI CABLE COMPANY (PRIVATE) LIMITED

Ducab-M1, Plot No. - 2D12,3D2,4D2,5D2,
Sector - M41
Industrial City of Abu Dhabi-1
Mussafah
Abu Dhabi
United Arab Emirates



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:
DUCAB Flam BICC 2a Enhanced
See Certificate Appendix for details

Standard(s) (see Appendix for details)

BS 7629-1:2015 (ENHANCED 120)
BS 6387:2013 (CWZ)
EN 50200:2015 (Class PH120)
BS 8434-2:2003+A2:2009 (120 mins)
BS 5839-1:2013 (Clause 26.2e Enhanced)

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

Damien Ward

Signed for LPCB

Damien Ward

Certification Scheme Manager

27 September 2016

Date of Issue

27 September 2016

Date of First issue



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Appendix to Certificate No: 782k DUBAI CABLE COMPANY (PRIVATE) LIMITED

Issue: 01

Product name						LPCB Ref. No.
DUCAB Flam BICC 2a Enhanced						782k/01
Nominal csa of conductor (mm ²)	Core Construction (excluding drain wire and earth)	BS 7629-1	BS 6387	EN 50200	BS 8434-2	BS 5839-1 (Clause 26.2)
1.0 ⁽¹⁾	2	ENHANCED 120 ⁽³⁾	C, W, Z	Class PH120	120min ⁽⁴⁾	Enhanced ⁽⁵⁾
1.5 ^(1 & 2)	2, 3 & 4	ENHANCED 120 ⁽³⁾	C, W, Z	Class PH120	120min ⁽⁴⁾	Enhanced ⁽⁵⁾
2.5 ^(1 & 2)	2, 3 & 4	ENHANCED 120 ⁽³⁾	C, W, Z	Class PH120	120min ⁽⁴⁾	Enhanced ⁽⁵⁾
4.0 ⁽²⁾	2, 3 & 4	ENHANCED 120 ⁽³⁾	C, W, Z	Class PH120	120min ⁽⁴⁾	Enhanced ⁽⁵⁾

Uo/U 300/500V

Notes:

1. Solid conductor only.
2. Stranded construction only.
3. In meeting the requirements of BS 7629-1:2015, the DUCAB Flam BICC 2a Enhanced cables listed met the requirements for fire survival of 120mins (ENHANCED 120), for smoke density of EN 61034-2:2005+A1:2013, achieved less than 0.5%HCl for the insulation, binder tape and outer covering when tested in accordance with EN 60754-1:2014 and in addition also met the fire resistance requirements of BS 6387:2013 Categories CWZ.
4. The duration of 120min when tested in accordance with BS 8434-2:2003+A2:2009 is achieved by 60min for the fire and mechanical shock phase and an additional 60min for the fire, mechanical shock and water phase.
5. The DUCAB Flam BICC 2a Enhanced cables listed conform to BS 7629-1:2015, met Class PH120 when tested in accordance with EN 50200:2015 and met the 120min duration when tested in accordance with BS 8434-2:2003+A2:2009 and hence met the requirements for an enhanced fire resistant cable as described in Clause 26.2 of BS 5839-1:2013.

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Damien Ward

Signed for LPCB

Damien Ward
Certification Scheme Manager

27 September 2016
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bre

Certificate of Product Approval

Certificate Number: 949e

Issue: 01

DUBAI CABLE COMPANY (PRIVATE) LIMITED

Ducab-M2
Plot No. – J6 14-15-16
Sector – M41
Industrial City of Abu Dhabi – 1
Mussafah
Abu Dhabi
United Arab Emirates

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:
Ducab Flam BICC 2a Enhanced

Standard(s) (see Appendix for details)

BS 7629-1:2015 Enhanced
BS 6387:2013 (Category CWZ)
EN 50200:2015 (Class PH120)
BS 8434-2:2003+A2:2009 (120 mins)
BS 5839-1:2013 (Clause 26.2e Enhanced)
BS 8519:2010 Cat 3

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Signed for BRE Global Ltd.

Karen Coull
Certification Scheme Manager

3 July 2018
Date of Issue

3 July 2018
Date of First Issue



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Appendix to Certificate No: 949e DUBAI CABLE COMPANY (PRIVATE) LIMITED

Issue: 01

Product name							LPCB Ref. No.
Ducab Flam BICC 2a Enhanced							949e/01
Nominal csa of conductor (mm ²)	Core Construction	BS 7629-1 See note 3	BS 6387	EN 50200 See note 4	BS 8519 See note 4	BS 8434-2 See note 5	BS 5839-1 See note 6
1.5 ^(1,2)	2, 3 & 4	Enhanced 120	C,W,Z	PH120	Cat 3	120 mins	Enhanced 26.2e
2.5 ^(1 & 2)	2, 3 & 4	Enhanced 120	C,W,Z	PH120	Cat 3	120 mins	Enhanced 26.2e
4.0 ⁽²⁾	2, 3 & 4	Enhanced 120	C,W,Z	PH120	Cat 3	120 mins	Enhanced 26.2e

Uo/U 300/500V

Notes:

- Solid conductor only.
- Stranded conductor only.
- In meeting the requirements of BS 7629-1:2015 Enhanced 120, the Flam BICC 2a Enhanced cables listed met the requirements for smoke density of EN 61034-2: 2005+A1:2013, achieved less than 0.5%HCl for the outer covering, binder tape & insulation when tested in accordance with EN 60754-1:2014 and in addition also met the fire resistance requirements in BS 6387:2013 Categories CWZ
- When tested in accordance with EN 50200:2015 PH120 at a modified flame temperature of (930⁺⁴⁰) °C and the application of water the cable met the requirements for a Category 3, control cables as described in clause 11 of BS 8519:2010
- The duration of 120 mins when tested in accordance with BS 8434-2:2003+A2:2009 is achieved by 60 mins for the fire and mechanical shock phase and an additional 60 mins for the fire, mechanical shock and water phase.
- The FlamBICC 2a Enhanced cables listed conform to BS 7629-1:2015, met Class PH120 when tested in accordance with EN 50200:2015 and met the 120 mins duration when tested in accordance with BS 8434-2:2003+A2:2009 and hence met the requirements for an enhanced fire resistant cable as described in Clause 26.2e of BS 5839 1:2013.

Cross-Listed products and alternative branding are detailed on page 3.

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Signed for BRE Global Ltd.

Karen Coull
Certification Scheme Manager

3 July 2018
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Certificate of Product Approval

Licensee:

Dubai Cable Company (Private) Limited

P.O. Box 11529, Old Abu Dhabi Road, Jebel Ali, Dubai, United Arab Emirates

Factory:

Ducab-M2, P.O. Box 9171, Industrial City of Abu Dhabi - 1, Mussafah, Abu Dhabi, United Arab Emirates

Standard:

BS 7629-1:2015

Description:

Fire resistant screened cables

Details:

ENHANCED 120. Additionally tested to BS 6387 Categories C, W & Z.

Materials:

Insulation EI 2, Sheath LTS 3

Brand Name:

FlamBICC 2a Enhanced or Firetec Enhanced

Origin Mark:

DUCAB C BICC or AEI C

Permissible Approval Marks:

BASEC



BASEC name

BASEC roundel

Signed for and on behalf of the British Approvals Service for Cables

Tony Lioveri

Date: 21/12/2020

Date of original issue: 03/07/2018

Check BASEC website to verify validity.

Page 1 of 2

BASEC, Presley House, Presley Way, Milton Keynes, MK8 0ES,

Registered in England No. 1150237, Tel: +44(0)1908267300

Email: mail@basec.org.uk, Web: www.basec.org.uk



Expiry date:
18/06/2023



Type(s) and Range(s) of Approval

Table / Clause	Code Designation	Conductor Class	Range of Cores	Min Nominal Size -sqmm	Max Nominal Size - sqmm
2	N/A	Class 1	2	1	4
2	N/A	Class 1	3	1.5	4
2	N/A	Class 1	4	1.5	4
2	N/A	Class 2	2	1	4
2	N/A	Class 2	3	1.5	4
2	N/A	Class 2	4	1.5	4

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