



Certificate Number: 1352a

Issue: 02

LPCB

TECNIKABEL S.p.A.

Via Brandizzo 243, 10088 Volpiano (TO) Italy

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: TX FR 120 Enhanced See Certificate Appendix for details

Standard(s) (see Appendix for details)

BS 6387:2013 C,W,Z 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.

KHlorel

Karen Coull
Certification Scheme Manager

29 June 2017 Date of Issue 29 February 2016

Date of First issue

Signed for LPCB



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Appendix to Certificate No: 1352a TECNIKABEL S.p.A.

Product name

LPCB Ref.
No.

TK FR 120 Enhanced

1352a/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(1)	2, 3 & 4	C,W,Z	<0.5% HCI	>60%	30min ⁽³⁾	Class PH120
0.75(1)	2, 3 & 4	C,W,Z	<0.5% HCI	>60%	30min ⁽³⁾	Class PH120
1.0(1)	2, 3 & 4	C,W,Z	<0.5% HCI	>60%	30min ⁽³⁾	Class PH120
1.5 ⁽¹⁾	2,3 & 4	C,W,Z	<0.5% HCI	>60%	30min ⁽³⁾	Class PH120
2.5(1)	2, 3 & 4	C,W,Z	<0.5% HCI	>60%	30min ⁽³⁾	Class PH120
4.0(2)	2, 3 & 4	C,W,Z	<0.5% HCI	>60%	30min ⁽³⁾	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.

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Signed for LPCB

Karen Coull

29 June 2017

29 February 2016

Certification Scheme Manager

Date of Issue

Date of First issue





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Issue: 02

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Certificate of Product Approval

Certificate Number: 1352b

Issue: 01

TECNIKABEL S.p.A

Product(s)

Cable Types as listed below: TK FR 30 Standard See Certificate Appendix for details

Standard(s) (see Appendix for details)

BS 6387:2013 C,W,Z EN 50267-2-1:1999 EN 61034-2:2005+A1:2013 EN 50200:2006 (Class PH30)

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Signed for LPCB

Certification Scheme Manager Date of Issue

29 February 2016

29 February 2016

Date of First issue





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Appendix to Certificate No: 1352b **TECNIKABEL S.p.A**

Issue: 01

LPCB Ref.

FR 30 Standard					1352b/0
Nominal csa of conductor (mm²)	Core Construction (excluding drain wire and earth)	BS 6387	EN 50267-2-1	EN 61034-2	EN 50200
0.511	2,3 & 4	C,W,Z	<0.5% HC1	>60%	PH30
0.75	2,3 & 4	C,W,Z	<0.5% HCI	>60%	PH30
1 0 11	2,3 & 4	C,W,Z	<0.5% HCI	>60%	PH30
1.511	2,3 & 4	C,W,Z	<0.5% HCI	>60%	PH30
2.5(1)	2,3 & 4	C,W,Z	<0.5% HCI	>60%	PH30
4.0(2)	2,3 & 4	C,W,Z	<0.5% HCI	>60%	PH30

Uo/U 300/500V

Notes:

- 1. Solid conductor only
- 2. Stranded conductor only.

This Certificate is maintained and held in force through regular surveillance activities.

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Signed for LPCB

Tony Baker Certification Scheme Manager

29 February 2016 Date of Issue

29 February 2016 Date of First issue

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Certificate Number: 1352c

Issue: 05

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TECNIKABEL S.p.A.

Via Brandizzo 243 – 10088 Volpiano (Torino) ITALY 10088

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: TK Prime Fire Resistant Cable

Standard(s) (see Appendix for details)

BS 6387:2013 Cat C (950 \pm 40°C for 180 mins) BS 6387:2013 Cat W (650 \pm 40°C for 30 mins) BS 6387:2013 Cat Z (950 \pm 40°C for 15 mins) EN 60754-1:2014 EN 61034-2:2005+A1:2013 EN 50200:2015 (Class PH30)

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

Obonda bleen

Obada Piracha

24 August 2020

19 August 2016

Signed for BRE Global Ltd.



Certification Scheme Manager

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Appendix to Certificate No: 1352c **TECNIKABEL S.p.A.**

Issue: 05

LPCB Ref.

roduct harrie					No.	
TK Prime Fire Resistant Cable						
Nominal csa of conductor (mm²)	Core Construction (excluding drain wire and earth)	BS 6387	EN 60754-1	EN 61034-2	EN 50200	
1.5(1)	2, 3 & 4	CWZ	<0.5% HCI	>60%	РН30	
2.5(1)	2, 3 & 4	CWZ	<0.5% HCI	>60%	PH30	
4.0(2)	2, 3 & 4	CWZ	<0.5% HCI	>60%	PH30	

Uo/U 300/500V

Notes:

- 1. Solid and Stranded conductor.
- 2. Stranded conductor only.

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

Obada Bleen

Obada Piracha

24 August 2020

19 August 2016

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Certificate Number: 1352d

Issue: 05

TECNIKABEL S.p.A.

Product(s)

Cable Types as listed below: TK Supreme Fire Resistant Cable

Standard(s) (see Appendix for details)

BS 6387:2013 Cat C (950 \pm 40°C for 180 mins) BS 6387:2013 Cat W (650 \pm 40°C for 30 mins) BS 6387:2013 Cat Z (950 \pm 40°C for 15 mins) EN 60754-1:2014 EN 61034-2:2005+A1:2013 EN 50200:2015 (Class PH120) EN 50200:2015 Annex E (30 mins)

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

Obada Albert

Obada Piracha

27 August 2020

19 August 2016

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Appendix to Certificate No: 1352d **TECNIKABEL S.p.A.**

Issue: 05

30 mins (3)

Product name TK Supreme Fire Resistant Cable							
1.5(1)	2, 3 & 4	CWZ	<0.5% HCI	>60%	PH120	30 mins ⁽³⁾	
2.5(1)	2, 3 & 4	CWZ	<0.5% HCI	>60%	PH120	30 mins ⁽³⁾	

<0.5% HCI

>60%

Uo/U 300/500V

4.0(2)

Notes:

1. Solid and Stranded conductor.

2.3&4

CWZ

- 2. Stranded conductor only.
- 3. The duration of 30 mins when tested in accordance with EN 50200:2015 Annex E is achieved by 15 mins for the fire and mechanic shock phase and a further 15 mins for the fire, mechanic shock and water phase.

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



Obada Piracha

27 August 2020

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Certificate Number: 1352e

Issue: 01

LPCB CALLED

Tecnikabel S.p.A.

Via Brandizzo 243 – 10088 Volpiano (Torino) ITALY 10088

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: TOL6xD 48 4(12 LWP)VH9M See Certificate Appendix for details

Standard(s) (see Appendix for details)

IEC 60331-25:1999 EN 61034-2:2005+A1:2013 EN 60754-1:2014 BS 6387:2013 (CWZ) EN 60332-3-24:2009

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

Killerel

Signed for BRE Global Ltd.

Karen Coull

14 September 2017

14 September 2017



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Appendix to Certificate No: 1352e Tecnikabel S.p.A.

Issue: 01

Product name	LPCB Ref. No.				
TOL6xD 48 4(12	LWP)VH9M				1352e/01
No of Fibre Optic	Type of Fibre	IEC 60331-25	EN 60332-3-24	EN 61034-2	EN 60754-1
48	SM	Complies	Complies	>60%	<0.5% HCI

Notes:

- 1. The TOL6xD 48 4(12 LWP) VH9M cable met the requirements of IEC 60331-25: 1999 when tested at a temperature of 750°C for a duration of 90mins + 15mins cooling time.
- 2. Cable construction consist of 4 tubes and 12 fibres in each tube, maximum 48 fibres in total.
- 3. The TOL6xD 48 4(12 LWP) VH9M cable met the fire resistant requirements of BS 6387:2013 Categories CWZ.

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

Kylnel

Signed for BRE Global Ltd.

Karen Coull

14 September 2017

14 September 2017

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Certificate Number: 1352f

Issue: 01



Tecnikabel S.p.A.

Product(s)

Cable Types as listed below: TOL8xD 96 8(12 LWP)VH9M See Certificate Appendix for details

Standard(s) (see Appendix for details)

IEC 60331-25:1999 EN 61034-2:2005+A1:2013 EN 60754-1:2014 BS 6387:2013 (CWZ) EN 60332-3-24:2009

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Karen Coull

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14 September 2017

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Appendix to Certificate No: 1352f Tecnikabel S.p.A.

Issue: 01

Product name	LPCB Ref. No.				
TOL8xD 96 8(12	1352f/01				
No of Fibre Optic	Type of Fibre	IEC 60331-25	EN 60332-3-24	EN 61034-2	EN 60754-1
96	SM	Complies	Complies	>60%	<0.5% HCI

Notes:

- 1. The TOL8xD 96 8(12 LWP) VH9M cable met the requirements of IEC 60331-25: 1999 when tested at a temperature of 750°C for a duration of 90mins + 15mins cooling time.
- 2. Cable construction consist of 8 tubes and 12 fibres in each tube, maximum 96 fibres in total.
- 3. The TOL8xD 96 8(12 LWP) VH9M cable met the fire resistant requirements of BS 6387:2013 Categories CWZ.

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

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Signed for BRE Global Ltd.

Karen Coull

14 September 2017

14 September 2017

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Certificate Number: 1352g

Issue: 01

TECNIKABEL S.p.A.

Product(s)

Cable Types as listed below: TK FLEXIBLE EXTREME FIRE SAFETY CABLE

Standard(s) (see Appendix for details)

BS 7629-1:2015 Enhanced 120 BS 6387:2013 (Category CWZ) BS 5839-1:2013 (Clause 26.2e Enhanced)

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Karen Coull

2 August 2018

2 August 2018

Certification Scheme Manager

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Appendix to Certificate No: 1352g TECNIKABEL S.p.A.

Issue: 01

Product name	No.			
TK FLEXIBLE EXTREME FIR	1352g/01			
Nominal csa of conductor (mm²)	Core Construction	Bs 7629-1 See note 2	BS 6387	BS 5839-1 Clause 26.2e See note 3
1.5(1)	2, 3 & 4	Enhanced 120	C,W,Z	Enhanced
2.5 ⁽¹⁾	2, 3 & 4	Enhanced 120	C,W,Z	Enhanced
4.0(1)	2, 3 & 4	Enhanced 120	C,W,Z	Enhanced

Uo/U 300/500V

Notes:

- 1. Stranded conductor only.
- 2. In meeting the requirements of BS 7629-1: 2015 Enhanced 120, the TK FLEXIBLE EXTREME FIRE SAFETY cables listed met the requirements for smoke density to EN 61034-2: 2005+A-2013, and achieved less than 0.5% HCI for the outer covering, binding tape & insulation when tested in accordance with EN 60754-1: 2014 and in addition also met the fire resistance requirements to BS 6387:2013 Categories CWZ.
- 3. The TK FLEXIBLE EXTREME FIRE SAFETY 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: 2001+A2: 2009 and hence met the requirements for an enhanced fire resistant cable to Clause 26.2e of BS 5839-1: 2013.

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

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Karen Coull

2 August 2018

2 August 2018

Signed for BRE Global Ltd.

Certification Scheme Manager

Date of Issue

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