

Certificate of Product Approval

Certificate Number: 217g

Issue: 04

CAVICEL SpA

Via Caduti del Lavoro 18/A
20096 Pioltello
Milan
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:
FIRECEL SR 114E
See Certificate Appendix for details

Standard(s) (see Appendix for details)

BS 7629-1:2015 (Enhanced 120)
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)

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.

Karen Coull
Certification Scheme Manager

12 October 2017
Date of Issue

04 February 2011
Date of First issue



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Appendix to Certificate No: 217g CAVICEL SpA

Issue: 04

Product name						LPCB Ref. No.
FIRECEL SR 114E						217g/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 ⁽⁴⁾	C, W, Z	Class PH120	120min ⁽⁵⁾	Enhanced ⁽⁶⁾
1.5 ⁽²⁾	2, 3 & 4	Enhanced 120 ⁽⁴⁾	C, W, Z	Class PH120	120min ⁽⁵⁾	Enhanced ⁽⁶⁾
2.5 ⁽²⁾	2, 3 & 4	Enhanced 120 ⁽⁴⁾	C, W, Z	Class PH120	120min ⁽⁵⁾	Enhanced ⁽⁶⁾
4.0 ⁽³⁾	2, 3 & 4	Enhanced 120 ⁽⁴⁾	C, W, Z	Class PH120	120min ⁽⁵⁾	Enhanced ⁽⁶⁾

Uo/U 300/500 V

Notes:

- Solid conductor only.
- Solid & Stranded conductors.
- Stranded conductor only.
- In meeting the requirements of BS 7629-1:2015, the FIRECEL SR 114E cables listed met the requirements of smoke density of EN 61034-2:2005+A1:2013 and achieved less than 0.5%HCl on the insulation, binder tape and outer covering when tested in accordance with EN 60754-1:2014.
- The duration of 120 min when tested in accordance with BS 8434-2:2003+A2:2009 is achieved by 60min for the fire and impact phase and an additional 60min for the fire, impact and water phase.
- The FIRECEL SR 114E cables listed conform to BS 7629-1:2015 met Class PH120 when tested in accordance with EN 50200:2015 and met the 120 min duration when tested in accordance with BS 8434-2:2003+A2:2009 and hence met the requirements for an enhanced fire resistance cable as described in Clause 26.2 of BS 5839-1:2013 (Clause 26.2e Enhanced).

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