

# Emergency Lighting

## Do your installations meet the Standards?

Are you aware the specification of a Fire Cable used for the installation of Emergency Lighting was changed?

Have you checked the certification of the fire cable you use now actually meets the changed requirements?

If not then beware -

It could prove to be financially costly or even life threatening!

In 2006, the current Emergency Lighting standard BS 5266-1:2005 changed the requirements needed of a fire performance cable. The change was covered under BSEN50200:2000 now changed to 2006, with the standard requiring a fire cable to meet a test under fire & mechanical shock conditions at 830 degrees for a minimum period of 60 minutes - 'PH60'

There are many installers who continue to assume that all fire cables comply with the Emergency Lighting requirement - They are wrong! Most fire cables available, even major brand names are not independently approved to meet the PH60 standard.

So what is the difference between a fire performance cable suitable for use on a fire system and a fire performance cable for use on an Emergency Lighting system?

A 'Standard' fire cable for use with the installation of a fire system is only required to meet BSEN50200: 2006 PH30 - 30 minute test - not the PH60 60 minute test required for Emergency Lighting systems.

## NoBurn Platinum is approved to PH120 - Twice the required duration!

See details below of PH levels to BSEN50200: 2000 & 2006 for NoBurn Platinum and other cable brands, details are from Certificates which can be viewed on line at LPCB Red Book Live site - [www.redbooklive.com](http://www.redbooklive.com).

Manufacturer	Brand	BSEN50200 Burn Test PH Rating (Minutes)	LPCB Certificate of Approval	Fire Systems	Emergency Lighting System
Ventcroft	NoBurn Platinum	PH120	682b/01	✓	✓
Prysmian	FP200 Gold	PH30/PH60	077f/01	✓	✓
Draka	Firetuf Easystrip	PH30	361d/01	✓	X
AEI	Firetec Standard	PH30	221e/01	✓	X
Nexans	Alsecure - NX200	PH30	253f/01	✓	X
Irish Driver Harris	Kilflam Standard 2000	PH30	408f/01	✓	X
Datwyler	Pyrofil Standard	PH30	172b/01	✓	X
Tratos	FIRE - Safe Tw950	PH30	222a/01	✓	X
Ramcro	Ramfirecro - F3 Standard	PH30	568c/01	✓	X
Cables Britain/Cavicec	Firecel SR/114 H	PH30	217f/01	✓	X
Copper Cable Co	Flame - X 950	PH30	814a/01	✓	X
Doncaster Cables	Firesure	PH30	338a/01	✓	X

\*Information correct November 2009 please check LPCB Red Book Live for updates and changes.

VENTCROFT  
**NoBurn**  
Platinum



NoBurn Platinum Cable is approved by LPCB and BASEC to:-  
 BS 5839-1:2002 +A2: 2008  
 BS EN 50200:2006 + Annex E 30 mins.  
 BS EN 50200:2006 PH120  
 BS 7629-1:2008  
 BS 6387:1994 Clause 11 CWZ  
 BS EN 50267-2-1:1999  
 BS EN 61034-2:2005

LPCB and BASEC to:-  
 'Standard' Fire Cable  
 Fire Resistance Standard  
 Fire Resistance Standard  
 Fire Resistance Standard  
 Fire Resistance Standard  
 Fire Resistance Standard  
 Halogen Emission Standard  
 Low Smoke Standard



Manufactured in Great Britain