

Construction Product Regulations (CPR)



WHAT IS CPR?

Building and construction cables manufactured after 1st July 2017 are subject to CPR BSEN50575:2014+A1:2016. European legislation covers all construction products, including electrical cables, classifying them by their reaction to fire. Products are classified from A to F according to the following Euroclass Criteria:

Euroclass (ca)	Classification Criteria	Additional Criteria	Assessment and Verification of Constancy of Performance System
A	EN ISO 1716 Gross heat of combustion		1+ Initial type-testing and factory inspection and continuous surveillance of factory production control (FPC) with audit testing of samples by 3 rd party notified product certification body
B1	EN50399 Heat release Flame spread	Smoke production (s1a, s1b, s2, s3) EN50399/EN 61034-2	
B2	EN60332-1-2 Flame propagation	Acidity (a1, a2, a3) EN 50267-2-3	3 Initial type-testing by 3 rd party notified testing laboratory FPC by manufacturer
C		Flaming droplets (d0, d1, d2) EN50399	
D			
E	EN 60332-1-2 Flame propagation		4 Initial type-testing and FPC by manufacturer
F			

Compliance with CPR is mandatory. Any cable deemed to be permanent once installed is within the scope of CPR (excluding fire cables, which have their own standard and specification). This has implications throughout the supply chain, but the majority of the responsibilities lie with manufacturers, importers and distributors. However, according to current BS7671:2018 regulations there are no legal requirements for class (BS6701 excepted). But all cables should be compliant and correctly labelled with CE marking, with the Declaration of Performance (DoP) readily available and showing test performance for full traceability.

CE Label Marking

