

## Frequently Asked Questions

# Construction Products Regulation (CPR)

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## Regulation-related questions

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| Q. | How is the CPR regulation referenced?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| A. | “REGULATION (EU) No 305/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC”                                                                                                                                                                                                                                                                                                                                                                                     |
| Q. | Will CPR be recommendation only or a definite requirement?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| A. | The CPR regulation is mandatory. That means all cables for buildings sold in the EU and associated member states will have to be classified and properly documented.                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Q. | What is a Notified Body?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A. | Notified bodies are organisations (e.g., university, governmental or commercial) established under national law and with legal personality that verifies if products are compliant to the applicable EU regulations. They need to be independent of the party submitting the product for assessment. The European Commission publishes a list of registered Notified Bodies per decision criteria on their NANDO website.                                                                                                                                                                               |
| Q. | What is the role of the Notified Body?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| A. | The Notified Body is responsible for ensuring the vendor and the product have gone through the proper certification procedure.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Q. | What is the DoP (Declaration of Performance)?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| A. | DoP (Declaration of Performance) is the official certificate, issued by the manufacturer and referencing the Notified Body's technical documentation or CoC (Certificate of Constancy of performance).                                                                                                                                                                                                                                                                                                                                                                                                  |
| Q. | How are Euroclasses identified and what are the additional classifications?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| A. | REGULATION (EU) 2016/364 determines the classification of the reaction to fire performance of construction products pursuant to Regulation 305/2011. There is a specific classification for several product families, including one for cable. It was created to allow harmonisation or a common language when referring to the fire performance of cable. It determines for seven main classes for cable, each with defined test method and classification criteria. For main classes D, C, and B2, additional classification for smoke production, flaming droplets and acidity have been identified. |
| Q. | What is the meaning of the sub-index 'ca' of the Euroclass?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| A. | The 2016/364 regulation specifies Euroclasses for different construction products such as floorings and cables. The test method and classification criteria are different for each of these construction products. To avoid confusion the index 'ca' gets added to the Euroclasses to distinguish cable classes. For example, Cca is applicable to cable and CFL for flooring.                                                                                                                                                                                                                          |
| Q. | What European countries are affected by this directive?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| A. | All countries in the European Economic Area (EEA) and Turkey.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Q. | Is Turkey affected by this directive?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| A. | Yes, CPR regulation is applicable as well in Turkey. The country is an associate member to the European Union and participates in the EEA. In the past, Turkey has adopted many of the EU Directives even though it is not a member. However, Turkey custom may have its own requirement for declaring conformity.                                                                                                                                                                                                                                                                                      |
| Q. | Will there be some transitional period after 1 July? What happens to tenders or projects that are already published/awarded without the appropriate Euroclass specification?                                                                                                                                                                                                                                                                                                                                                                                                                            |
| A. | There is no transitional period after 1 July for the implementation of CPR. Tenders for projects that have not started before 1 July might need to be reviewed.                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Q. | Where can I find more answers to my questions about the CPR regulations?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A. | Under the CPR, EU countries have to inform on their rules and regulations for construction products through national contact points. <ul style="list-style-type: none"> <li>• <a href="#">National Contact Points</a></li> <li>• <a href="#">The website of the European Commission</a></li> </ul>                                                                                                                                                                                                                                                                                                      |

## Product-related questions

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| Q. | What has CommScope done in order to meet compliance with CPR?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| A. | <p>Although the CPR has been in development for over a decade, the necessary certifications for test labs and selection criteria for representative samples have been finalised only in the past several months. We have been working diligently to be prepared for 1 July. In parallel to classifying the current LSZH portfolio, we have been doing research and development on materials and designs that will improve fire performance. Our current portfolio will be extended to cover additional fire classes.</p> <p>We have established the goal of meeting the B2 fire classification for select fiber and copper cables. Our high-volume cable products got the initial focus.</p> |
| Q. | Does CommScope offer different versions of the same cable?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| A. | All cables sellable in the EU will be classified. The product offer will extend to cover different classes as required in the market. Same cable constructions with different Euroclass will have their own reference (MID).                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Q. | Will CommScope be compliant on 1 July?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| A. | Yes, all cables brought to the market after 1 July will be classified and documented as required by the EU regulation. That applies to products in the SYSTIMAX®, NETCONNECT and Uniprise® solutions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Q. | When will the additional MIDs for Class C and class B2 be available?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| A. | <p>Based on market potential, new MIDs are gradually released. The infographics show the extend of our future portfolio. It will take several months beyond 1 July to complete the extension program. CommScope will spend all necessary effort to meet market requirements.</p> <p><a href="http://www.commscope.com/Docs/EU_CPR_Infographic_MM-111664-EN.pdf">http://www.commscope.com/Docs/EU_CPR_Infographic_MM-111664-EN.pdf</a></p>                                                                                                                                                                                                                                                    |
| Q. | Will Commscope provide different Smoke(s) Flaming Droplets (d) and Acid Gas variants of a specific Class? Or will there be only one single variant for each class available? If not, what would be the cost impact between these variants?                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| A. | Initially, there will be only one cable option per Euroclass. We will closely monitor the evolution of the market requirement and adjust if and when applicable. Typically cables with higher main classification will also show better performance on the additional requirements.                                                                                                                                                                                                                                                                                                                                                                                                          |
| Q. | How will the regulation affect pricing?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| A. | Current cables will be classified according to CPR and maintain their current MIDs. Pricing for these cables will not be affected by the regulation. Additions to the current portfolio will be introduced to meet higher Euroclasses. It is anticipated these improved cables will be charged a premium.                                                                                                                                                                                                                                                                                                                                                                                    |
| Q. | Do different colours have any different impact on the chemical feature of the cable with respect to CPR classification?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| A. | No. Colours usually have no impact on fire behavior. It's all about construction and materials.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Q. | Is there a colour identification for each class?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| A. | No. The regulation requires only the CE mark and corresponding Euroclass indication. Today, customers might already install cables in several colours. Such codification in function of CPR classification would limit other identification requirements in installations or management of cabling.                                                                                                                                                                                                                                                                                                                                                                                          |
| Q. | Does shielded cable have better fire rating?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| A. | Fire safety is independent of the type of cable. CommScope will offer solutions to address the different requirements for the entire portfolio.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Q. | Are preterminated cable assemblies exempt from compliance?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| A. | The regulation is meant for permanently installed construction materials. Since preterminated cables are designed for reconfigurable installations, they don't necessarily have to comply to CPR. Still, CommScope intends to consider preterminated assemblies with CPR-classified cables if installed in similar conditions as bulk cables and, hence, would form a comparable risk to the safety of people or damage to critical equipment.                                                                                                                                                                                                                                               |
| Q. | How is the Euroclass of every product documented?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| A. | <p>DoPs will be downloadable from CommScope's Product Catalog together with the product specification. The product specification will contain reference to the Euroclass.</p> <p>Specific data is also required on the product label as specified by CPR regulation: CE mark (new format), Euroclass, DoP reference, manufacturer's details</p>                                                                                                                                                                                                                                                                                                                                              |

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| Q. | When will the classification and DoP be available for current copper cable MIDs?                                                                                                                                                                                                            |
| A. | They have been available since April on request. Very soon, DoPs will become available in CommScope's Product Catalog.                                                                                                                                                                      |
| Q. | Will CommScope have any identification of Classes on the cable print as well as the labeling on cable box/reel?                                                                                                                                                                             |
| A. | Since the cable dimension doesn't allow adequate CE marking on the product, only the product label is required to have the CE mark with fire classification information. CommScope decided to add the Euroclass designation on the cable print of copper cables for classes Cca and higher. |
| Q. | Will Euroclass certificates be available per cable MID/type also, in addition to the documentation on the specification sheets?                                                                                                                                                             |
| A. | Declaration of Performance is mandatory and will be downloadable through the website per MID.                                                                                                                                                                                               |

## Installation-related questions

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q. | Does this apply only to new buildings? What is valid for extension in existing buildings?                                                                                                                                    |
| A. | CPR applies to cables installed in buildings or civil constructions indifferent of whether it is a new or existing building. Additional new cabling will need to comply even if previously installed cables remain in place. |
| Q. | To what type of buildings does the regulation apply?                                                                                                                                                                         |
| A. | Any building or civil construction where permanent cabling gets installed is subject: offices, industrial buildings, schools, hospitals, and individual homes (but also tunnels, for instance).                              |
| Q. | Does CommScope have any guidelines on intended use of CPR classifications in buildings?                                                                                                                                      |
| A. | Local fire regulations and/or insurers' requirements will always take precedence.                                                                                                                                            |
| Q. | How does the end user ensure the installed cables are compliant to his specification?                                                                                                                                        |
| A. | For each of the installed cables, a DoP (Declaration of Performance) is available through our website and can be added to the construction files submitted by the contractor or installer.                                   |
| Q. | What about projects that started just before July 1 <sup>st</sup> ?<br>Can an installer continue installing the existing products after July 1 <sup>st</sup> ?                                                               |
| A. | All products that have been delivered before July 1 <sup>st</sup> are allowed to be installed. Deliveries after July 1 <sup>st</sup> will need to comply.                                                                    |

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CO-1118461-EN (09/18)