

The Construction Products Regulation July 2017 – What is CPR

Company Statement

Cleveland Cable Company confirms that all our cables manufactured after the 1st July 2017 have been assessed in line with CPR regulations where applicable, and come with all supporting documentation.

The Legislation.

From 1st July 17 all non-fire performance cables introduced into the EU market which are to be a permanent fixture in a building or construction must comply with CPR and be rated and certified accordingly. The legislation applies across all construction products across Europe and aims to provide harmonised standards to all new building projects.

The Cables are assessed against



Flame Propagation



Smoke Emissions



Flaming Droplets
& Particles



Acidity

Classification

Products are Classified from A to F in accordance to their flame propagation properties, with additional classifications for their reaction to smoke, flaming droplets and acidity.

	Euroclass	Classification criteria	Additional criteria	AVCP system (Assessment and Verification of Consistency of Performance)
"Non combustible" (e.g. mineral insulated)	A _{ca}	EN ISO 1716 Gross heat of combustion		<p>"1+", including:</p> <ul style="list-style-type: none"> initial type-testing and continuous surveillance, Audit & testing of samples by 3rd party certification body <p>Factory production control by manufacturer</p>
	B1 _{ca}	EN 50399 Heat release Flame spread	<p>Smoke production (s1a, s1b, s2, s3) EN50399/EN61034-2</p> <p>Acidity (a1, a2, a3) EN 50267-2-3</p> <p>Flaming droplets (d0, d1, d2) EN 50399</p>	
B2 _{ca}				
C _{ca}				
"Low-Fire-Hazard" cables (various levels)	D _{ca}	EN 60332-1-2 Flame propagation		
	E _{ca}	EN 60332-1-2 Flame propagation		factory production control by manufacturer
"Standard cables"	F _{ca}	EN 60332-1-2 Flame propagation		"4" : initial type-testing and factory production control by manufacturer
No performance determined				

Testing

<p>Fire Testing to EN 50575</p> <ul style="list-style-type: none"> Must be accredited Notified Lab UK includes BASEC & BRE (LPCB) 	<p>Factory inspection</p> <ul style="list-style-type: none"> Factory surveillance programme twice a year 	<p>Type Testing</p> <ul style="list-style-type: none"> Every three years per cable 'family' initially on application Extended to 5 years with previous consistent test results.
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Affected Cleveland Cable Products



Medium Voltage Power Cable



Low Voltage Power Cable



Data and Fibre Cable



Twin Cable



Flat Cable



Control Cable

Compliance to CPR

Compliance to CPR is verified by the CE Marking on the product or the packaging. Cleveland Cable Company cut tickets will show the same information as the drum, but with additional details. The Manufacturer Declaration of performance certificate is kept on record at Cleveland Cable and is available on request

Manufacturer product marking showing CPR compliance and CE mark.



Cleveland Cable Cut Ticket replicates details of the CE label in greater detail



Manufacturer DoP Certificate is available upon request



REMEMBER:

Suppliers and end users have a responsibility to check whether CE labelling with CPR classification is available on the packaging for all applicable cables manufactured after 1st July 2017. Cleveland Cable Company confirm that all applicable cables sold have the CE mark and CPR rating. DoP for all applicable cables can be provided on request. If you are in any doubt, please call our QA team who can demonstrate compliance to CPR including full traceability.

Cleveland Cable QA Contact Details:

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