

<b>GNB-CPR</b> <b>All</b>	Co-ordination of the Group of Notified Bodies for the Construction Products Regulation 305/2011/EU	<b>NB-CPR/SG22-084</b> Issued: March 4 <sup>th</sup> , 2024 <b>Draft</b>
------------------------------	---	--

## Input form – GNB-CPR Guidance Base

1	<b>Type of issue</b> (“H”, “SH”, or “V”)	SH
2	<b>Responsible group</b> (“SGxx”, “SHxx”, or “GNB-AG”)	SG22
3	<b>Status</b> (Guidance or information)	Guidance
4	<b>Harmonised specification(s)</b> (EN xx xxx:yyyy or EAD no. xxxx)	EN 50576:2022
5	<b>Supporting standard references</b> (Number of standard(s) EN xx xxx:yyyy)	
6	<b>Question / problem</b> (Max 500 characters incl. spaces)	<p><b>Power cable families §4.1.2:</b> In case of an armoured family is composed by single core and multi core cables, shall the family be split, or not? Four families are defined: “— armoured cables; — unarmoured multicore cables; — single core sheathed cables; — single core unsheathed cables;”</p>
7	<b>Answer / solution / Guidance</b> (Max 500 characters incl. spaces)	<p>The single core armoured cables and the multi core armoured cables are a two different families because a concentric construction is a different design element. Five families shall be defined: — armoured multicore cables: <math>d_{min}=5,1</math> mm; <math>d_{max}=62,0</math> mm; <math>\chi_{min}=2</math>; <math>\chi_{max}=82</math>; — unarmoured multicore cables: <math>d_{min}=5,1</math> mm; <math>d_{max}=52,0</math> mm; <math>\chi_{min}=4</math>; <math>\chi_{max}=73</math>; — single core sheathed cables: <math>d_{min}=5,1</math> mm; <math>d_{max}=29,0</math> mm; <math>\chi_{min}=2</math>; <math>\chi_{max}=20</math>; — single core unsheathed cables: <math>d_{min}=5,1</math> mm; <math>d_{max}=25,0</math> mm; <math>\chi_{min}=2</math>; <math>\chi_{max}=115</math>; — armoured single core cables: <math>d_{min}=5,1</math> mm; <math>d_{max}=62,0</math> mm; <math>\chi_{min}=2</math>; <math>\chi_{max}=82</math>;</p>
8	<b>CPR reference</b> Article X(Y)	
9	<b>AVCP system(s)</b> System(s) 1+, 1, 2+, 3 and/or 4.	1+, 3
10	<b>Accreditation standard references</b> Standard no., clause x.x	
11	<b>GNB-CPR reference</b> Document(s) no., clause x.x	
12	<b>Issue submitted by</b> (Name, e-mail address, date)	NB 0051 IMQ SpA - 26-02-2024