

EU REGULATION no. 305/2011
RPC Information - Summary

- **SC ELECTROPLAST SA**, as a manufacturer of cables used in construction works has initiated the RPC implementation process; furthermore, it has designed and licensed an in-house manufacturing control system in order to warrant product conformity with stated essential performance characteristics.
- The EU Regulation no. 305/2011 of the European Parliament and Council dated March 9th, 2011 (RPC) introduces new market launch conditions for construction products, lays down harmonized requirements as to the expression of construction products as regards their essential characteristics and the use of the CE marking applied on the products in question, as well as the obligations of economic operators.
- All construction products, including power supply, control and data transmission cables permanently integrated in constructions (buildings and civil engineering works) or parts thereof and whose performance affects the building performance as regards fundamental requirements fall under the EU Regulation no. 305/2011.
- Thus, the deadline for defining prototypes and implementing the new certification and CE marking requirements for cables under the harmonized reference standard SR EN 50575:2015/A1:2016 shall be 01.07.2017, when the transitional period of coexistence with other applicable national technical specifications concerning the same product expires.
- Based on assessments and performance constancy checks, **SC ELECTROPLAST SA** defined the prototypes and issued Declarations of Performance according to the applicable AVCP systems.
- **According to fire reaction class, SC ELECTROPLAST SA applies various procedures regarding the construction products performance constancy assessment and control systems (AVCP), as follows:**

System 4: Fca class assignment carried out by the manufacturer based on in-house product testing within the manufacturer's own testing laboratory, RENAR accreditation no. LI 061 and factory manufacturing control;

System 3: Dca and Eca class assignment based on performance assessment deriving from tests performed by a EU-notified testing lab;

System 1+ : B2ca and Cca class assignment performed by a EU-notified certification body based on testing and continuous surveillance, assessment and examination of in-factory manufacturing control.

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