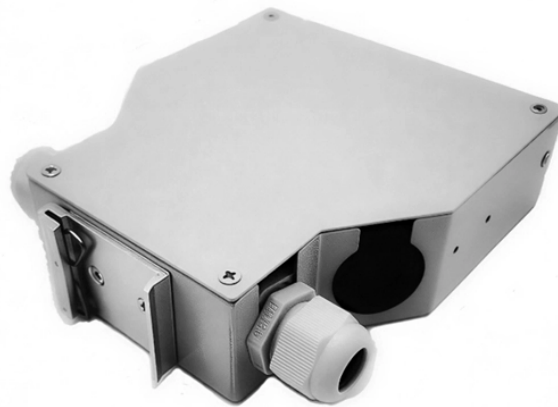


## Fire-retardant paint for cable trays sent for testing



### Overview

Supply and application of water-based acrylic protective AF CABLE COAT, certified under IEC 60332-3-10 and IEC 60332-3-22 for the flame retardant coating of electrical cables laid on metal cable trays. It's not just about aesthetics; it's a critical safety measure that can mean the difference between a manageable incident and a devastating catastrophe. So, what exactly is fire retardant. CharCoat is an FM-Approved Intumescent Latex Cable Coating that stops fire from spreading on the cable surface at the source and simultaneously increases the fire resistance of the Electrical Power, Control or Communication Cable (single, grouped or in tray) for 90 minutes under IEC 60331-11/21. FIRE-STOP SYSTEMS' Thermalastic® 83C Fire Retardant Cable Coating for preventing flame spread in grouped electrical cables.

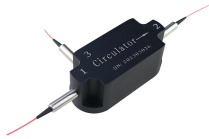
Thermalastic® 83C works by cutting off oxygen from the fuel source, inhibiting the combustion process in the immediate vicinity of the cable insulation and reducing heat. Research Information Letter 0046, "Effectiveness of Cable Tray Coating Materials and Barriers in Retarding the Combustion of Cable Trays Subjected to Exposure Fires and in Preventing Propagation Between Cable Trays (Horizontal Open Space. ••• SAND78-0518,

"Preliminary Report on Fire. The Fire Industry Association (FIA) has recently published a technical bulletin addressing the potential hazards of painting cables used in fire detection and fire alarm systems.

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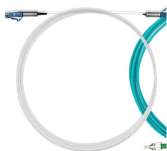
Specifically, the scope of this RIL covers evaluation of the effectiveness of certain cable tray fire retardant coating materials and cable tray barriers in retarding combustion and preventing ...



In the simplest sense, the coating transforms a group of cables into one large single cable, covered with a fire retardant jacket. Cable Coating Fire Breaks have been proven to be an effective, dependable ...



This bulletin provides crucial insights into how different types of paint can impact the integrity and fire resistance of these cables. It emphasises that while water-based paints are less ...



CharCoat CC is an Intumescent Latex and 100% UV stable, and can be applied to exterior cables (salt water exposure testing to FM3971 / UV stability test completed 2016). It is perfect for full exterior ...



ALTIC 007 is a water-based, intumescent fire retardant coating designed for cables, cable trays, and penetrations, providing up to 4 hours of certified circuit integrity as per NTH Mumbai testing.



The primary function of fire retardant paint on cables is to enhance their fire resistance. Standard cable jacketing materials can be thermoplastic, meaning they melt and burn readily, acting ...



Compare fire wrap and intumescent coating for cable trays by performance, ATEX suitability, climate durability, installation, maintenance, and cost—plus a practical selection checklist.



(A) Scope of Work for application of Fire-retardant coating: Cables should be coated with thickness (DFT) suitable for meeting the requirements in technical specification.



DC6150/DC310 Cable Coatings are non-halogenated, asbestos-free, non-toxic, flexible, ablative or intumescent, fire retardant cable coatings designed to prevent ignition and fire propagation along ...

## Contact Us

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