

PROMASTOP®-CC

Fire protection coating to horizontal & vertical cables on tray



Product description

PROMASTOP®-CC is a water-based 'hybrid' fire stopping coating. It combines the positive qualities of intumescent and ablative coatings. In the field of fire stopping penetrations, PROMASTOP®-CC provides reliable protection against the spread of smoke, fire and heat due to its foaming effect and simultaneous formation of a hard and solid char.

Cable coating

PROMASTOP®-CC is a fire stopping coating for services in walls and floors. It is designed for use with single cables, cable bundles, combustible and non-combustible pipes, fire dampers and also insulated ventilation systems to prevent the spread of smoke, fire and heat.

When applied on standard electrical power cables PROMASTOP®-CC has a mild Intumescent action reaction that provides an insulating char, thus limits the spread of fire along cables and cable bundles.

It has a self-extinguishing effect and retards the fire spread. At the same time, PROMASTOP®-CC dramatically reduces the emission of smoke and lower the smoke density of combustible cable jackets.

Importantly, standard electrical power cables, once coated with PROMASTOP®-CC are ensured to remain functioning for a specified period of time. This fire protective performance is especially important for those cases where continuity of electrical power supply is vital for continued operation of emergency equipment.

PROMASTOP®-CC is a fire resistant coating that is toxic-free and environmentally friendly. It does not emit toxic fumes or substances during application, nor during exposure to fire.

As PROMASTOP®-CC does not emit any toxic or corrosive gases when exposed to fire; on top of preservation of life, it also keeps corrosive gases emitted during fire to a minimum, thus, removing their detrimental effect on elements of the building structure.

Material properties

Colour	Light grey
Consistency	Liquid
Density	1.5 +/- 0.2 g/cm ³
Use Category (ETA026 Part 2)	Type X
Reaction to fire	Class B-s1, d0
VOC	0 g/l
Expansion temperature	190°C
Solvent	Water

	Tested standards	Performance
Vertical Flame Spread Category A	IEC 60332-3-10 IEC 60332-3-22	
Circuit Integrity	IEC 60331-11 IEC 60331-21	No breakdown of circuit
Limiting smoke density	EN 61034-1 EN 61034-2	Light transmission: 80%
Water permeability	ISO 7783	
Accelerated aging	30 years	

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Applications

PROMASTOP®-CC can be applied by a hand using a brush of spatula or by airless spray gun, recommended when applying to large cable bundles. It must be homogenized prior to use by means of an electric mixer. Once opened, the contents should be used as soon as possible.

The application should be made directly on cables which must be clean free of duct, carbon, grease, or other contaminants which might compromise the adhesion of the coating on the cables. It shall be applied in multiple thin passes until required wet film thickness is reached. Small repairs can be made with a spatula or brush. Once open the coating is ready for use.

When correctly applied PROMASTOP®-CC should give a smooth surface. PROMASTOP®-CC is suitable to be used indoors or in semi-outdoor conditions. Suitable topcoats should be used in those instances where the application is within abnormal or aggressive environment, where the humidity is likely to be high or areas where the coated cables are likely to be in contact with other elements that are subject to movement etc.

Packaging

- 12.5kg plastic buckets
- 44 buckets/pallet
- 550kg/pallet

Subject to change.

Storage

Store in cool and dry conditions: 3°C - 35°C.

- Shelf life of original sealed containers at least 6 months
- Once opened, containers should be finished swiftly

All physical and mechanical values are averages based on standard production and tested according to internal procedures. The typical values are given for guidance. The figures can change dependent on the test methods used. If a particular value is of prime importance for a specification, please consult Promat Technical Department.

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- All data contained herein conforms to and frequently surpasses generally accepted fire protection standards recognised by most professional fire science practitioners and regulatory authorities worldwide. The same general principle is equally applicable to all Promat products and systems. Promat has access to a considerable body of test authentication data and this can be provided on a complimentary basis upon request. It should be noted however that this publication replaces all previous editions in its entirety.
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