

Self-extinguishing paint for electric cables

AF CABLE COAT is a water-based fireproof paint that gives a substantial delay to the propagation of fire by combustion of the insulating coating of electrical cables. It has a good permanent elasticity and follows the physiological movements of the cables depending on the users' temperature variations or vibrations. The product modifies in contact with the flame and releases water vapour which lowers the temperature. At the end of this modification, the product leaves a non-combustible residue that inhibits the flame's spreading.

AF CABLE COAT prevents the fire from spreading by using electrical insulation of cables as the preferred method. It limits the fire damage to only part of the line. **AF CABLE COAT** paint is recommended in all environments where there are large quantities of electrical cables (power plants, transformers, control rooms, data centres, etc.).

CHARACTERISTICS

Specific weight:	1.25 Kg/L +/- 0.1;
Colour:	white;
Consistency:	viscous paste;
Drying time:	60 min.;
Hardening speed:	1.5 mm /24 h at 20° C;
Dry content:	>70 % p.p.;
Tool cleaning:	water;
Application temperature:	5°C / 40°C ;
Dimensional stability (shrinkage):	0.3% (approximately).

APPLICATION METHOD:

1. clean the surfaces to be treated from dust or greasy residues;
2. apply using brushes/rollers or airless spray guns for dense liquids;
3. to ensure the flame is completely extinguished at the application points, the product must be applied on one linear meter every 20 metres (for horizontal sections). The certified quantity is one kg for each cable tray (100 mm width). For example, for a 500 mm wide cable tray, the quantity required for each linear metre in which the application is to be carried out is five kg according to CEI 20-22/II standard, 6.66 kg according to IEC 60332-3-10 and IEC 60332-3-22 standards.

PACKAGING AND STORAGE

Bucket of 20 kg.

The product remains unaltered if stored in its original sealed packaging at temperatures between 5° C and 35°C for six months.

SPECIFICATIONS

Supply and application of acrylic water-based **AF CABLE COAT** ablative paint applied directly on electrical cable bundles arranged on metal cable trays.

CERTIFICATIONS

CESI Institute no. A5058128 (according to CEI 20-22/II standard)

IMQ Institute no. CN16-0001455-01 (according to IEC 60332-3-10 and IEC 60332-3-22 standards)

