

AF CABLE COAT

Self-extinguishing paint for electrical cables



DESCRIPTION

AF CABLE COAT is a water-based fireproof paint that substantially delays 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 temperature variations or vibrations. The product modifies in contact with fire and releases water vapour which lowers the temperature. Afterwards, the product turns into a non-combustible residue that inhibits the flames from 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 environments where there are large quantities of electrical cables (power plants, transformers, control rooms, data centres, etc.).

DIRECT APPLICATION

Electrical cables

FEATURES

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

PACKAGING AND STORAGE

20 kg buckets

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

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 fire is completely extinguished at the application points, the certified quantity is 1.33 kg per 100 mm wide cable tray.

For example, for a 500 mm wide cable tray, the quantity required for each linear metre is:
6.65 kg under IEC 60332-3-10 and IEC 60332-3-22.

SPECIFICATION

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.

CERTIFICATIONS

IMQ Institute No. CN16-0001455-01

(under IEC 60332-3-10 and IEC 60332-3-22 standards)

