Firebreak C100 Cable Coating

PRODUCT DATA SHEET

Prevents flame spread and maintains circuit integrity

Firebreak C100 Cable Coating is a durable fire resistant water-borne coating designed for application to conventional cable installations. In the event of a fire it prevents flame spread along both horizontal and vertical cable runs and can also be used to maintain the circuit integrity of critical power and control cables for up to 2 hours.

Key features and benefits

- Tested for protection against flame spread to the international requirements of IEC 60332-3-22: 2000 + A1: 2008
- Tested for the maintenance of circuit integrity to the international requirements of IEC 60331-11: 1999 providing up to 121 minutes circuit integrity (test discontinued) to high voltage cables
- Water based technology for easy application and cleaning of equipment
- Free of fibres
- Can be sprayed or brushed
- Remains highly flexible when cured
- Tough coating resistant to accidental damage
- Excellent adhesion to cables and supports
- Water resistant
- Tested in conjunction with vertical cable runs
- Non-toxic, low smoke, mould resistant and halogen free
- Quality assured including ISO 9001

Typical applications

- Protection of long cable runs in concealed and difficult to access spaces
- Protection of cable installations where a danger of accidental ignition exists (e.g. steel works)
- Limiting the potential of fires resulting from electrical short circuits thereby reducing damage and aiding quick repair
- Protection of safety critical electrical circuitry from fire, particularly where such installations cross above other unprotected cable runs or pass through fire compartments which create additional fire risk
- Upgrading the fire performance of existing emergency command cabling

Testing and certification

- Testing to IEC 60332-3-22: 2000 + A1:2008 for vertical flame spread on grouped cables
- Testing to IEC 60331-11: 1999 on cables at three dry film coating thicknesses providing up to 2 hours high voltage circuit integrity

For detailed seal specifications please refer to technical data sheet.

firebreak®
Fire Safety by Design

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QMS ISO 9001 REGISTERED

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