

**THIS METHOD STATEMENT COVERS THE INSTALLATION OF MasterFlame C 3000CA
- FLEXIBLE FIRE STOP COATING.**

This is a water based ablative coating specifically to be used as a fire protective coating for grouped / bundled electrical cabling and cable penetration sealing.

1. INITIAL INSTALLATION PROCEDURES:

- 1.1. Remove all surface dust from the cables by vacuum cleaning, sweeping or washing off with water.
- 1.2. Grease or oil deposits should be removed by wiping with dry clean cloths. Do not use solvents as they make damage the insulation of the cables.
- 1.3. Ensure all surfaces are dry before application.
- 1.4. Place drip sheets over all surfaces that require protection.

2. APPLICATION:

- 2.1. Ambient temperature to be within the range of +5 to +40°C at the time of application.
- 2.2. Wearing eye protection and suitable gloves remove the lid of the pail and carefully remix the material using a slow speed paddle mixer for approximately 1 minute.
- 2.3. Remove the mixer and apply a thin layer of the single component coating to the surface of the cables using either a paintbrush, gloved hands or airless spraying equipment and allow this "prime-coat" to dry before continuing (20- 40 minutes depending upon ambient conditions).
- 2.4. Start application of the coating against walls and cable trays etc. where it is more difficult and work outwards along the length of the cables.
- 2.5. Large "gaps" between cables, trays and openings should be stuffed with mineral wool to a depth of 100mm (both sides of wall openings).
- 2.6. The mineral wool and cables should then be coated ensuring ALL gaps are completely obliterated.
- 2.7. Application thickness should be no less than 2.5mm (wet film) and once the material has been applied to small sections use a wetted wide paint-brush to smooth down the surfaces.
- 2.8. The above thickness equates to a consumption rate of approximately 3.0 kg/m² for flat surfaces. Allow an additional ±30% of material for application on grouped / bundled cables and cable trays etc.
- 2.9. Rinse the paint brush regularly to prevent the brush pulling / sticking on the wet surface of the coating.

- 2.10. When applying to cables within a cable tray ensure ALL surfaces are fully covered and perforations within the cable tray are completely obliterated.
- 2.11. Applied coating should be touch dry after 24 hours and fully dry after 72 hours - this is temperature and humidity dependent.
- 2.12. Coating thickness can be checked (once dry) by cutting and peeling back a small flap of material and measuring with a caliper. The flap can be glued back down using a small amount of **MasterFlame C 3000CA**.
- 2.13. Clean all equipment used with water and dispose of all waste materials etc. in accordance with HSE requirements.
- 2.14. Re-seal the lid on any material containers still partially full as the water-based material will thicken if left exposed to the atmosphere for any lengthy period.

STATEMENT OF RESPONSIBILITY

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