

THIS METHOD STATEMENT COVERS THE INSTALLATION OF **MasterFlame C 3005 FLEXIBLE FIRE STOP COATING**.

This is a water based acrylic coating specifically to be used as a fire protective coating on top of mineral / stone wool insulation.

1. DIMENSIONAL REQUIREMENTS:

- 1.1. **MasterFlame C 3005** can be applied to seal off voids of up to 500mm in width when used on a mineral / stone wool insulation material of $>80 \text{ kg/m}^3$ and 100mm in thickness.
- 1.2. Depending upon shape of void it may be necessary to install a suitable steel support frame to hold the mineral / stone wool insulation tightly in place.

2. INITIAL INSTALLATION PROCEDURE:

- 2.1. Remove ALL / any combustible materials from within the opening to be sealed and thoroughly clean the faces of the blockwork / concrete against which the mineral / stone wool insulation material will be placed.
- 2.2. Mask around the periphery of the opening using masking tape or similar leaving a 75-100mm gap away from the edge of the void.
- 2.3. Install the mineral / stone wool (100mm thickness) as required ensuring the material is a tight fit against all edges, penetrations etc. and the exposed surface is as flat as possible (purely for aesthetic reasons).

3. APPLICATION:

- 3.1. Ambient temperature to be within the range of +5 to +40°C at the time of application.
- 3.2. 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.
- 3.3. Remove the mixer and apply the single component coating to the surface of the mineral / stone wool insulation using either a paintbrush, roller, steel trowel or airless spraying equipment (large areas) to a WFT of approximately 2.5mm in a single layer.
- 3.4. Visually check for any pin-holes or gaps in the coating and touch-up as necessary whilst the material is still wet.
- 3.5. Take the coating over the edge of the mineral / stone wool and onto the surrounding surfaces by approximately 75-100mm.
- 3.6. Remove all masking tape whilst the coating is still wet.
- 3.7. Clean all equipment used with water and dispose of all waste materials etc. in accordance with HSE requirements.
- 3.8. 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.

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