

THIS METHOD STATEMENT COVERS THE INSTALLATION OF **MasterFlame MO 700 FIRE STOP MORTAR**.

MasterFlame MO 700 is supplied in 20kg bags

1. DIMENSIONAL REQUIREMENTS:

- 1.1. **MasterFlame MO 700** is recommended to be installed to a minimum thickness of 25mm and a maximum thickness (floor block-outs, etc.) of 100mm (fully supported during casting)
- 1.2. Plastic piping, cables etc. that are classed as “combustible” should be wrapped with a suitable Fireproof material such as **MasterFlame PW 2252** prior to being encapsulated in the **MasterFlame MO 700**.

2. INSTALLATION PROCEDURES:

- 2.1. Ensure ALL service penetration holes have been created and approved to the satisfaction of the main contractor / client.
- 2.2. Remove ALL / any combustible materials from within the opening to be sealed and thoroughly clean the face of the blockwork / concrete within the “hole”.
- 2.3. Thoroughly clean the outer surfaces of the pipe(s) at the location where they will pass through the wall / floor to remove any loose material etc. and wrap any pipes cables as required with **MasterFlame PW 2252**.
- 2.4. Spray the exposed concrete / block-work surfaces with water (mist) and whilst still damp install the mortar.
- 2.5. Holes / box-outs in walls can be filled by applying the **MasterFlame MO 700** as a trowellable “mortar” ensuring it is well compacted against all pipes and penetrations within the hole.
- 2.6. Continue to fill as required and then trowel off to a smooth flat finish. Depending upon the thickness required it may be necessary to install the **MasterFlame MO 700** in layers of ± 50 mm, allowing each layer to stiffen before continuing.
- 2.7. Holes / box-outs in floors must be carefully shuttered from below ensuring no large gaps exist in the shutters around the pipe / cable penetrations.
- 2.8. Mix the **MasterFlame MO 700** into a pourable consistency and pour in approximately a 10mm thick layer and allow to set. This should seal any minor gaps in the shuttering.
- 2.9. Finish off the filling of the void to the required depth once the initial application is set (60 -90 minutes) and trowel to the desired finish.
- 2.10. Protect from any direct sun or drying winds etc. that may cause excessive and rapid moisture loss.

3. DO NOT WET CURE:

3.1. Although **MasterFlame MO 700** has a reasonable strength any large openings in floors etc. **MUST** be checked by a structural engineer and appropriate precautions taken with regards to loads that may be applied to the areas filled with **MasterFlame MO 700**.

3.2. Mixing Proportions:

Pourable - 20kg powder and ±8 L of potable water (2.5:1)
Trowellable - 20kg powder and ±6.5 L water (3.0:1)

STATEMENT OF RESPONSIBILITY

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