

THIS METHOD STATEMENT COVERS THE INSTALLATION OF MasterFlame JS 125 ELASTOMERIC FIRESTOP SEALANT.

Note: This sealant is intended to be used as low modulus joint sealant where the resistant to the passage of smoke and fire is required (door / window surrounds, pipe penetrations, expansion joints etc.) and where the movement across the joint is $\leq 25\%$ of the joint width.

1. DIMENSIONAL REQUIREMENTS:

- 1.1. The MINIMUM sealant depth for **MasterFlame JS 125** is 6mm irrespective of the joint width. See table below.

Joint Width	Sealant Depth
6 - 10mm	6mm
20mm	10mm
25mm	12mm

2. JOINT PREPARATION:

- 2.1. Ensure both faces of the joint are perfectly clean, dry and dust free.
- 2.2. Ensure the joint recess is sufficiently deep enough to accept the required thickness of sealant in relation to the joint width. Normal practice is to have a joint width to depth ratio of 2:1 with a minimum depth of 6mm (Joints <12mm wide must have a 6mm depth).
- 2.3. If the "joint" depth is excessive it will require the installation of a suitable fire-proof backing material to be installed (Mineral Wool or similar) to control the sealant depth when being installed. This should then be covered with a bond-breaker tape prior to the installation of the sealant. If the joint depth is acceptable without the need for Mineral Wool, then a bond-breaker tape should still be used to prevent 3-sided adhesion of the sealant.

3. SEALANT INSTALLATION:

- 3.1. Ensure the joint dimensions are acceptable before commencing application and that a bond-breaker tape is installed along with any Mineral Wool fireproof backing material that may be required / specified.
- 3.2. Do **NOT** apply **MasterFlame JS 125** when the ambient temperatures are below 5°C and above 45°C.
- 3.3. Mask the sides of the joint with tape.
- 3.4. No primer is required.
- 3.5. The **MasterFlame JS 125** sealant should then be gunned firmly into the prepared joint ensuring the nozzle outlet size is of a suitable diameter to enable the material to fill the gap easily.
- 3.6. Very wide joints may require the sealant to be applied in a zig-zag pattern down the joint.

- 3.7. Once “filled” the surface of the sealant should be dry-tooled “flat” with the surface of the wall / floor using a flexible scrapper.
- 3.8. Remove the masking tape from the sides of the joint by carefully pulling it across the joint immediately after completion of tooling.
- 3.9. Allow the installed sealant to cure naturally.

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