

MasterFlame[®] B 302

Pre-coated firestop board

DESCRIPTION

MasterFlame B 302 is a pre-coated firestop board which consists of a stone fibre core (density >140kg/m³) coated with **MasterFlame C 3000** on both sides.

At normal temperatures, the **MasterFlame B 302** installed with **MasterFlame JS 110** remains flexible to permit thermal and mechanical movement of the services. Both products are unaffected by oil, fungus, moisture and contain no halogens or asbestos.

TYPICAL APPLICATIONS

MasterFlame B 302 pre-coated firestop boards are designed to prevent the passage of fire and smoke between compartment walls and floors built from masonry, composite partition or plasterboard whilst still allowing the installation of services.

MasterFlame B 302 is tested to EN1366-3 giving a fire resistance and smoke barrier for up to 120 minutes.

ADVANTAGES

- Fire resistance tested in flexible walls, rigid walls and floors
- Suitable for indoor use without additional environmental protection
- Easy to use fibre free sealant
- **MasterFlame B 302** standard 50mm thickness board gives 2 hours fire and smoke barrier and up to 2 hours insulation
- Suitable for large openings in walls and floors with additional supports

PACKAGING

MasterFlame B 302 is supplied as 1200 x 600 x 50mm size boards. Single-side coated boards are also available on request.

STANDARDS

EN 13501-2
 EN 1366-3



TYPICAL PROPERTIES*

Property	Test Method	Results
Stone Fibre Density		>140kg/m ³
Fire Resistance	EN 1366-3	Upto 2 hours
Acoustic rating	EN ISO 10140-2:2010	Upto 58dB
Air Permeability	EN 1026 (to 600Pa)	100Pa 1.8/1.4 m ³ /h/m ²

INSTALLATION

- Use rubber gloves and eye protection.
- Cut board to suit the opening.
- Apply **MasterFlame C 3000** or **MasterFlame JS 110** to cut surfaces and at the junction between board and substrate.
- Assemble board into the opening in as fewer pieces as possible.
- Fill large voids with off cuts of board.
- Apply **MasterFlame C 3000** or **MasterFlame JS 110** from the pail/cartridge to close any visible opening.
- Maintain record of installation.
- Should there be a clear opening (no services) greater than 1200mm x 1200mm a steel support system should be used. Minimum size of steel support should be 30mm x 30mm x 1.6mm.

For full installation details and technical support please contact Master Builders Solutions Technical Services department or refer to our method statement.

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APPLICATION TEMPERATURE RANGE

Minimum	+5°C
Maximum	+40°C

STORAGE AND SHELF LIFE

MasterFlame B 302 has a shelf life of 12 months from production date when stored indoors, ideally in dry frost free conditions, between +5°C and +30°C.

QUALITY AND CARE

All products originating from Master Builders Solutions Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001 and ISO 14001.

* Properties listed are based on laboratory controlled tests.

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NOTE

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