

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 USES

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.

APPLICABLE STANDARDS

EN 13501-2
EN 1366-3



TECHNICAL DATA*

| 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.

NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Master Builders Solutions representative.

Master Builders Solutions reserves the right to have the true cause of any difficulty determined by accepted test methods.

QUALITY AND CARE

All products originating from Master Builders Solutions's 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 9001:2015, ISO 14001:2015 & OHSAS 18001:2007 standards.

* Properties listed are based on laboratory controlled tests.

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STATEMENT OF RESPONSIBILITY

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NOTE

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