

MasterFlame[®] PI 2502

Firestop pillow

DESCRIPTION

MasterFlame PI 2502 is a waterproof glass cloth bag containing organic fillers and intumescent additives. It is used to create a temporary or permanent fire barrier around all types of services to prevent the passage of fire through a compartment wall or floor. Especially suitable where services are continuously being changed or replaced.

ADVANTAGES

- Fire resistance tested in rigid walls & floors.
- Tested with metallic pipes, cables, cable bunches, cable trays and cable ladders.
- Reaction temperature 180°C.
- High expansion ratio.
- Remains flexible between -20°C to +130°C.
- Waterproof lining unaffected by damp conditions.
- Suitable for indoor and outdoor locations up to 1m².
- Non-combustible and non-toxic.
- Ease of installation and long life.

PACKAGING

MasterFlame PI 2502 is supplied in boxes of:

Type	Size & Weight	Quantities per box
Small	330mm x 50mm x 20mm 50gms	(50 Nos. per box)
Medium	330mm x 200mm x 25mm 185gms	(50 Nos. per box)
Large	330mm x 200mm x 45mm 385gms	(25 Nos. per box)

STANDARDS

EN 13501-2
 EN 1366-4



TYPICAL PROPERTIES*

Property	Test Method	Results
Fire Resistance	EN 1366-4	Upto 2 hours
Acoustic Isolation	EN 10140-2 : 2010	Upto 43dB
Air Permeability	EN 1026 (to 420Pa)	100Pa 22.8/31.1 m ³ /h/m ²
Colour		Silver

APPLICATION GUIDELINES

- Pack bags tightly into the opening around the services to a minimum depth of 150mm.
- For floor openings install a 5mm mild steel mesh, arrange fire pillows on the flat side to a minimum depth of 150mm.
- When cable trunkings pass through the seal infill with **MasterFlame PI 2502**.
- Always ensure that large voids are completely filled and fire pillows are packed tightly.
- Ensure records of all installations are kept.

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

COVERAGE / YIELD

Small - As required to fill small voids

Medium - 180 pcs in wall or floor for 1m²

Large - 113 pcs in wall or floor for 1m²

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STORAGE AND SHELF LIFE

MasterFlame PI 2502 has no shelf life. It is recommended for ease of installation that the product is stored indoors 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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STATEMENT OF RESPONSIBILITY

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NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by Master Builders Solutions either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Master Builders Solutions, are responsible for carrying out procedures appropriate to a specific application.

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