

MasterFlame[®] PW 2252

Firestop pipe wrap

DESCRIPTION

MasterFlame PW 2252 is an intumescent pipe wrapping material, based on elastomeric thermoplastic polymers combined with active components available as a 25m x 40mm roll. It provides a high volume expansion and pressure seal in the event of a fire.

As plastics soften or insulation burns away in the fire, **MasterFlame PW 2252** expands to close off the void left by the pipe or insulation.

TYPICAL APPLICATIONS

MasterFlame PW 2252 can be used with various pipes and insulation, kindly refer to the table below for the types of pipes and insulation which are compatible.

MasterFlame PW 2252 is tested upto 200mm in diameter through flexible walls and rigid floors. **MasterFlame PW 2252** is also used alongside other **MasterFlame** range of Firestop systems.

ADVANTAGES

- Fire resistance tested in flexible and rigid walls and rigid floors
- Versatility when installing in a multitude of common site conditions
- Can be use with plastic pipes e.g. PVC, HDPE, PP, PE, ABS, PVC-C and SAN + PVC
- Can be used to close off various types of insulation around metallic pipes
- Causes no known effects to plastic pipes
- Thermoplastic composite and non-toxic
- Halogen free, contains no asbestos, ceramic, mineral fibres and is environmentally friendly
- Not affected by fungus, vermin or rodents
- Tested upto 200mm plastic pipes

PACKAGING

MasterFlame PW 2252 is supplied in 25m long, 40mm wide and 2mm thickness rolls.

STANDARDS

EN 13501-2
 EN 1366-3 : 2009
 ETAG-026



TYPICAL PROPERTIES*

Density	Approximately 1.2 g/cm ³
Volume Expansion at 450°C	Approximately 25 times
Fire Resistance EN 1366-3	Upto 2 hours
Colour	Black with yellow disposable foil backing

APPLICATION GUIDELINES

- Place pipe wraps around the pipe or insulation and secure with adhesive tape. See TDS or table below for correct installation details.
- Adjust the position of each wrap so that the outer edge of the wraps are flush with either side or floor or wall.
- Seal over with **MasterFlame JS 110**.
- Maintain record of installation.
- Soiled plastic pipes should be cleaned in the area where wrap strip is to be installed.
- Fasten installation sticker for maintenance and identification reason.

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

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Configuration for up to 120 mins

Outer pipe dia mm	No. of wraps	Thickness (mm)
40	1	2
55	2	4
63	2	4
75	2	4
82	2	4
90	3	6
110	3	6
125	4	8
160	4	8
200	5	10

Configuration for Metallic pipes wrapped with various insulation types for up to 120 mins

Insulation type	No. of wraps	Thickness (mm)
Phenolic Foam	2	4
Elastomeric Foam	2	4
Glass Wool	2	4
Stone Wool	2	4

STORAGE AND SHELF LIFE

MasterFlame PW 2252 has no shelf life. It is recommended for ease of installation that the product is stored indoors, ideally in dry frost free conditions between +5°C and +30°C.

LIMITATIONS

- Not for use in highly corrosion environment.
- Not for use with unapproved retaining collars.

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

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