

MasterFlame® PC 2350

Firestop pipe collar

DESCRIPTION

MasterFlame PC 2350 is a steel collar containing thermoplastic composite based on graphite intumescent technology that expands during fire and provides high-volume expansion.

TYPICAL APPLICATIONS

MasterFlame PC 2350 is designed and tested to seal service penetration openings containing plastic pipes, metallic pipes with insulation and cables. It offers upto EI 240 when tested to EN1366-3. The ultra-thin design of MasterFlame PC 2350 shell gives a depth of 30mm and 40mm ensuring that they can be installed into the toughest of locations.

MasterFlame PC 2350 is tested with end capping configurations that cover Uncapped/Uncapped (U/U), Capped/Uncapped (C/U),

Uncapped/Capped (U/C) & Capped/Capped (C/C) pipes.

MasterFlame PC 2350 can be installed on flexible wall, rigid wall, rigid floor constructions and precoated firestop board MasterFlame B 302. They are compatible with polypropylene (PP), polyethylene (PE) and polyvinyl chloride (PVC) pipes and can be used upto a maximum diameter of 250mm

MasterFlame PC 2350 is intended for use indoor and outdoor in conditions exposed to weathering with exposure to UV and humidity equal to or higher than 85% RH.

ADVANTAGES

- Suitable for use with flexible walls with 100mm minimum thickness, rigid wall with 100mm minimum thickness and rigid floors with 150mm minimum thickness
- Allows thermal and mechanical movement of pipe
- Halogen free, contains no asbestos, ceramic and is environmentally friendly
- Ease of fixing to suit location 5 fixing types available
- Not affected by fungus, vermin, rodents or moisture

- · Tested for external use
- Long life

PACKAGING

MasterFlame PC 2350 is supplied to fit pipe sizes as follows:

32mm to 160mm for flexible walls 32mm to 160mm for rigid floors 32mm to 250mm for rigid walls

STANDARDS

EN 1366-3



TYPICAL PROPERTIES*

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Property	Test Method	Results
Fire Resistance	EN 1366- 3:2009	Upto 4 hours
Expansion Rate		20:1
Expansion Pressure		11.28 Bar / 1.12
		N/mm²
Working		-20°C to +120°C
Temperature		
Colour		Blue
Fixing Detail		3 No 60mm x 6mm
		Expanding Anchors
		Rigid Floors
		3 No Size 70 Wood
		Screws Rigid Walls
		3 No 65 mm Spider
		Fixing Flexible
		Walls
		3 No 35mm Tap in
		Fixings
Plastic pipe types		PVC-U, PVC-C,
covered		ABS, SAN + PVC,
		PE-HD, PE, PP



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APPLICATION GUIDELINES

- Annular space between pipe and substrate to be filled with MasterFlame JS 110.
- Place MasterFlame PC 2350 around pipe and hold in place using the slide clip.
- Slide into place.
- Fix using the require fixing, fix into place. For some fixings a drilled hole may be required.
- NO COMBUSTIBLE FIXINGS MAY BE **USED**

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

STORAGE

It is recommended the product is stored indoors in dry 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.

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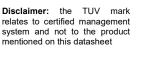
STATEMENT OF

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^{*} Properties listed are based on laboratory controlled tests.