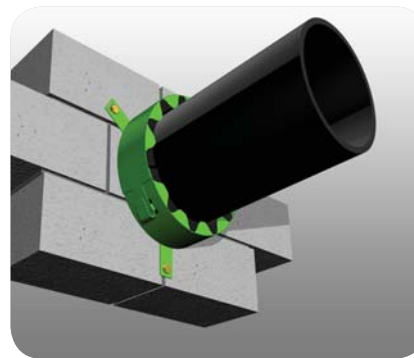




Product name	PipeBloc PCP® Pipe Collar
Product Code	PC
Revision Date	21/10/2015
Revision number	02
UIC	PCP



INTRODUCTION

PipeBloc® PCP Collars are designed and tested to seal service penetration apertures containing plastic and metallic pipes, pipes with insulation or cables, using thermoplastic composites based on graphite Intumescent technology. Developed to provide a high volume expansion and pressure seal during a fire. The PipeBloc® PCP offers EI120 and EI240 tested to EN1366-3, the maximum diameter being 250mm, the ultra thin design of PipeBloc PCP of the collar shell gives a depth of 30mm and 40mm ensuring that they can be installed in to the tightest of locations. PipeBloc® PCP can be installed on flexible wall, rigid wall, rigid floor constructions and in Batt seals. They are compatible with polypropylene (PP), polyethylene (PE) and polyvinyl chloride (PVC) pipes. PipeBloc PCP is tested with end capping configurations that cover U/U, C/U, U/C & C/C pipes.

The advantages of the PipeBloc PCP® Pipe Collar are as follows:

- 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 - 4 fixing types available
- Not effected by fungus, vermin, rodents or moisture
- Tested for internal and external use
- Long life



SIZE AND FIRE RATING

Pipe Types Covered

PVC-U according to EN 1329-1, EN 1453-1 or EN ISO 1452-2, EN 1329-1, EN 1453-1, EN ISO 15493, EN ISO 1452-2, EN 1566-1, EN ISO 15493 and EN ISO 15877

PE according to EN 1519 or EN 12666-1, EN 12201-2, EN 1519-1, EN ISO 15494

ABS pipes according to 1455-1, EN ISO 15493

SAN+PVC pipes according to EN 1565-1

PP according to EN 1451-1, EN ISO 15874, EN ISO 15494 multilayer pipes made of PP materials only (e.g. PP-C/PP-TV/PP-C; PP-CO/PP-MV/PP-C)

Pipe Sizes

32mm to 160mm Flexible Walls

32mm to 160mm Rigid Floors

32mm to 250mm Rigid Walls



SPECIFICATION

Fire Resistance Rigid Floors	EI 240 - EN 1366-3:2009 Floor (underside)
Fire Resistance Flexible & Rigid Walls	EI 120 - EN 1366-3:2009 Wall (one each side)
Expansion Rate	20:1
Expansion Pressure	11.28 Bar / 1.12 N/mm ²
Working Temperature	-20°C to +120°C
Colour / Appearance	Green Steel - 3 Fixing Tabs
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

Use Type

Tested to Type X: intended for use indoor and outdoor in conditions exposed to weathering with exposure to UV, humidity equal to or higher than 85 % RH and temperatures below 0°C.

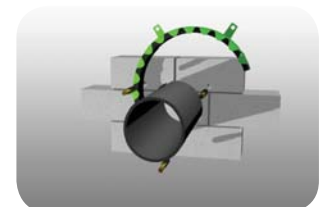
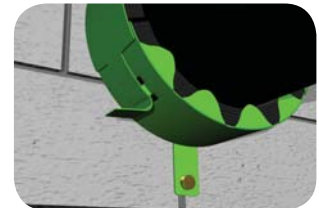


INSTALLATION

Installation on details and technical support are available from FSi technical department or on the Internet at www.fsiltld.com

- Annular space between Pipe and substrate to be filled with Pyrocoustic Sealant
- Place PipeBloc PCP® Pipe Collar around pipe and hold in place using the Slide clip.
- Slide in to place.
- Fix using the require fixing, fix in to place. For some fixings a drilled hole may be required.
- NO PLASTIC or COMBUSTIBLE FIXINGS MAY BE USED

For further information see Installation Manual.



COMPLIANCE

PipeBloc PCP® Pipe Collars are manufactured in the EU, meeting the highest quality standard in compliance with BS EN ISO 9001:2008. For fire test information please contact the FSi technical department.



STORAGE AND DISPOSAL

PipeBloc PCP® Pipe Collars should be stored indoors ideally between +5°C to +50°C in dry conditions. There is no requirement for a shelf life period.



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ENVIRONMENT

FSi contribute to Green Building by having a manufacturing policy of 100% recycle and 0% landfill for all products. PipeBloc PCP® Pipe Collars contributes to a Green Building :-

Low VOC (air quality).

No Power Tools required for installation (no energy source required).

Dust free.

Low Ozone Depletion Potential (ODP).

Low Global Warming Potential (GWP).

No water pollution.

Smoke and Air Tightness.

Noise Reduction.

Thermal Insulation.

Recycling of Packaging.

Avoidance of Air Filtration.

Does not emit halogenated by-products.

Contains no raw materials known to have an estrogenic effect.

The life cycle of PipeBloc PCP® Pipe Collars is over 25 years.



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