FIRESTOP CENTRE

Authorised New Zealand Distributor
Ph (09) 483 4000 www.firestopcentre.co.nz

Multicollar Slim
100mm Plasterboard or Concrete Wall
PVC(pg 2), PE(pg 3) or PP(pg 4) Pipes

Installation Instructions

1. Before installing Mulcol® Multicollar Slim ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.
2. Seal the annular gap of up to 20mm with Mulcol Sealant to a minimum depth of 10mm.
3. Use the table on the Multicollar packaging to calculate the number of segments required for the penetrant diameter.
4. Cut the required number of segments from the Multicollar roll and trim the inlay at a slight angle to ensure the stainless steel joints fit together when the collar is placed around the service penetration.
5. Secure the joint with a Multiclip and then attach the remaining Multiclips proportionally around the Multicollar. Use fixings appropriate for the substrate.

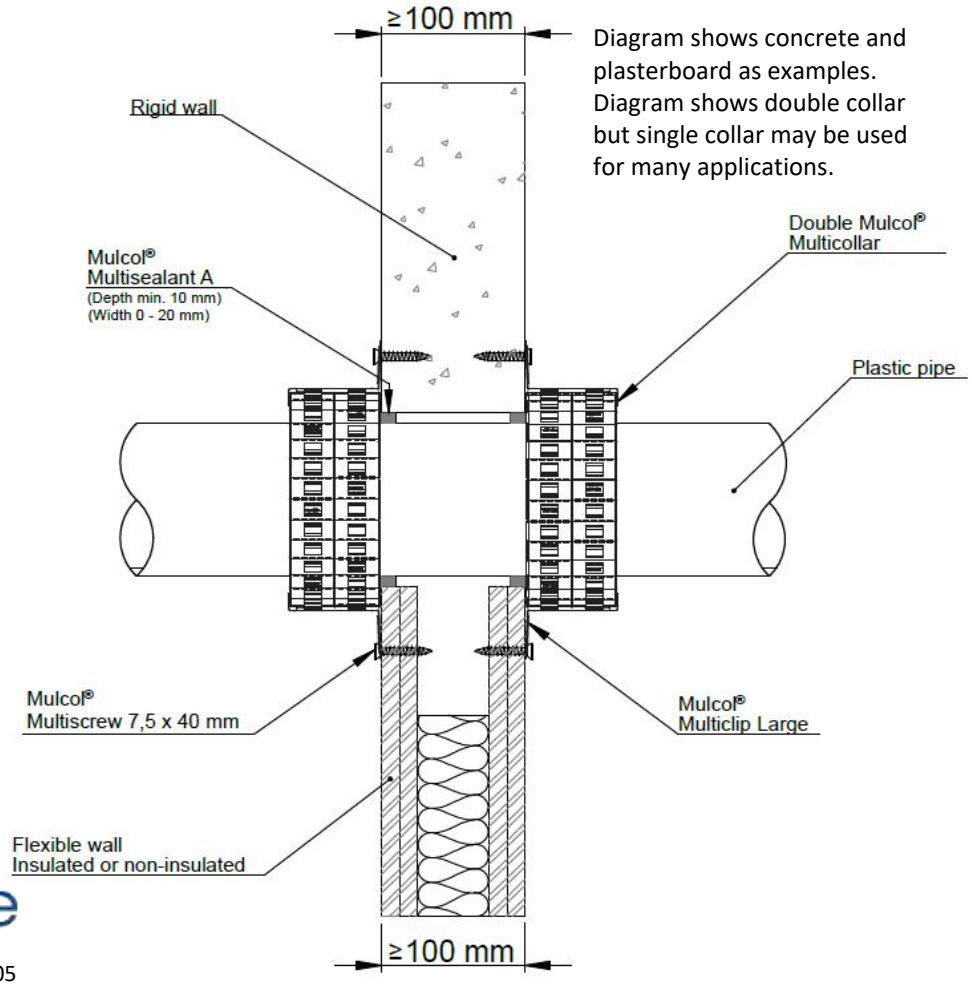

Diagram shows concrete and plasterboard as examples. Diagram shows double collar but single collar may be used for many applications.

ETA 17/0836 FAS 210306 AS1530.4-2014 AS4072.1-2005

warringtonfire
FAS 210306 Pages 15-18
AS1530.4-2014 AS4072.1-2005

System ID# FC528

Products	Mulcol Multicollar Slim Mulcol Sealant
Application	Fire stopping of PVC, PE or PP pipes in plasterboard or concrete walls
Construction	Minimum wall thickness 100mm

Fire Classification (Note: all tests U/U)

PVC-U, PVC-C up to 160mm diam and 14mm pipe wall thickness. See page 2 for details
Max FRR -/120/120

PE-HD, PE-X, ABS, SAN-PVC up to 160mm diam and 14mm pipe wall thickness. See page 3 for details
Max FRR -/120/120

PP up to 160mm diam and 14mm pipe wall thickness. See page 4 for details
Max FRR -/120/120

Where FRR of wall is less than FRR of the seal, then the lower FRR applies.

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The Netherlands

Sheet size: **A4**	Drawn date & no: 19/8/24
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For all technical details on the products specified please refer to the technical data sheets that can be found on www.firestopcentre.co.nz

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Multicollar Slim
100mm Plasterboard or Concrete Wall
PVC-C or PVC-U Pipes

warringtonfire
FAS 210306 Pages 15-18
AS1530.4-2014 AS4072.1-2005

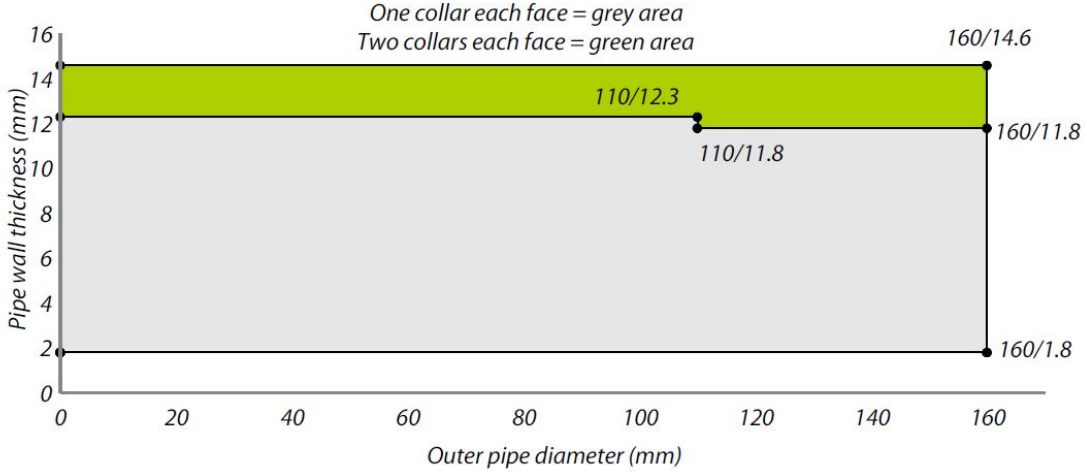
System/FPA Register ID# FC528

MULCOL Multicollar Slim tests have used the U/U end cap configuration (Uncapped/Uncapped).
This is the most onerous test for plastic pipes.
AS1530 Standard requires only C/U which is one level below U/U.

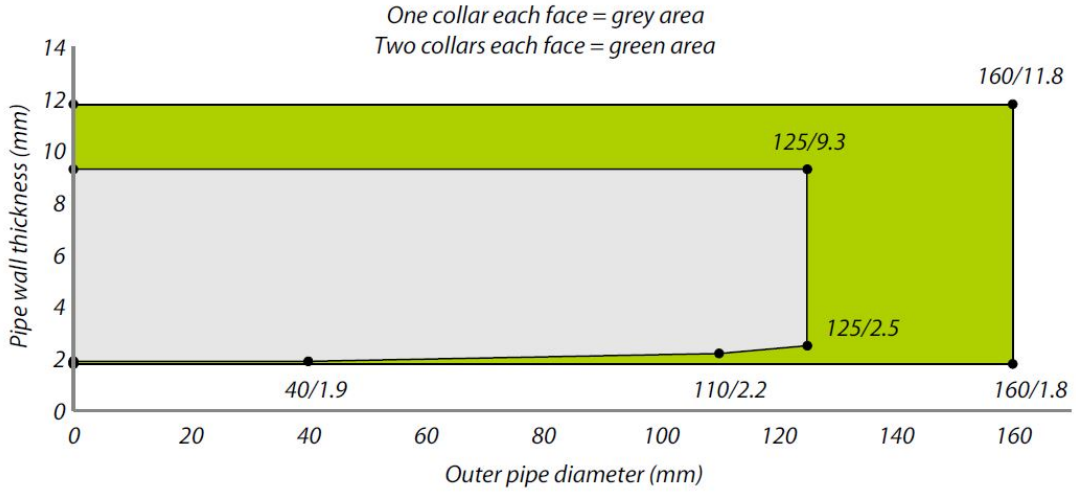
The graphs shown cover the most common pipe sizes and the most common ratings required (60 and 120 minutes).
For ratings other than 60 or 120min and for other applications applicable to closed systems (U/C systems for pipes up to 315mm), there are other helpful graphs on pages 30-34 of Multicollar Slim EN1366 Test Report - Wall on the Firestop Centre website.

Pipes may be uninsulated or insulated with acoustic insulation max 4mm thick.

Approved pipe range PVC-U / PVC-C
FRR -/60/60-U/U



Approved pipe range PVC-U / PVC-C
FRR -/120/120-U/U



Products	Mulcol Multicollar Slim Mulcol Sealant
Application	Fire stopping of PVC-C or PVC-U pipes in plasterboard or concrete walls
Construction	Minimum wall thickness 100mm

Fire Classification

PVC-U, PVC-C pipe with single collar:
Up to 160mm diam and 12mm wall thickness
FRR -/60/60
Up to 125mm diam and 9mm wall thickness
FRR -/120/120

PVC-U, PVC-C pipe with double collar:
Up to 160mm diam and 14mm wall thickness
FRR -/60/60
Up to 160mm diam and 12mm wall thickness
FRR -/120/120

Where FRR of wall is less than FRR of the seal, then the lower FRR applies.

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Multicollar Slim
100mm Plasterboard or Concrete Wall
PE-HD, PE-X, ABS, SAN-PVC Pipes

warringtonfire
FAS 210306 Pages 15-18
AS1530.4-2014 AS4072.1-2005

System/FPA Register ID# FC528

MULCOL Multicollar Slim tests have used the U/U end cap configuration (Uncapped/Uncapped).
This is the most onerous test for plastic pipes.
AS1530 Standard requires only C/U which is one level below U/U.

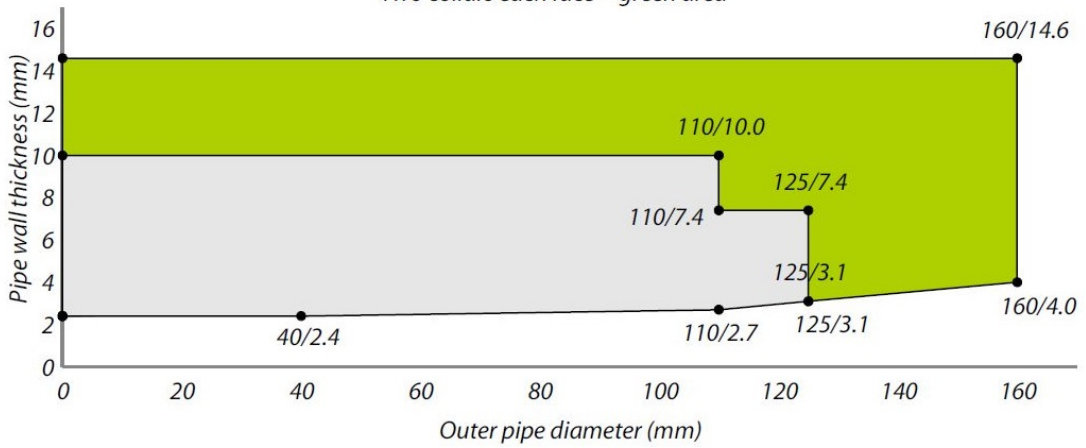
The graphs shown cover the most common pipe sizes and the most common ratings required (60 and 120 minutes).
For ratings other than 60 or 120min and for other applications applicable to closed systems, there are other helpful graphs on pages 18-23 of Multicollar Slim EN1366 Test Report - Wall on the Firestop Centre website.

Where FRR of wall is less than FRR of the seal, then the lower FRR applies.

Pipes may be uninsulated or insulated with acoustic insulation max 4mm thick.

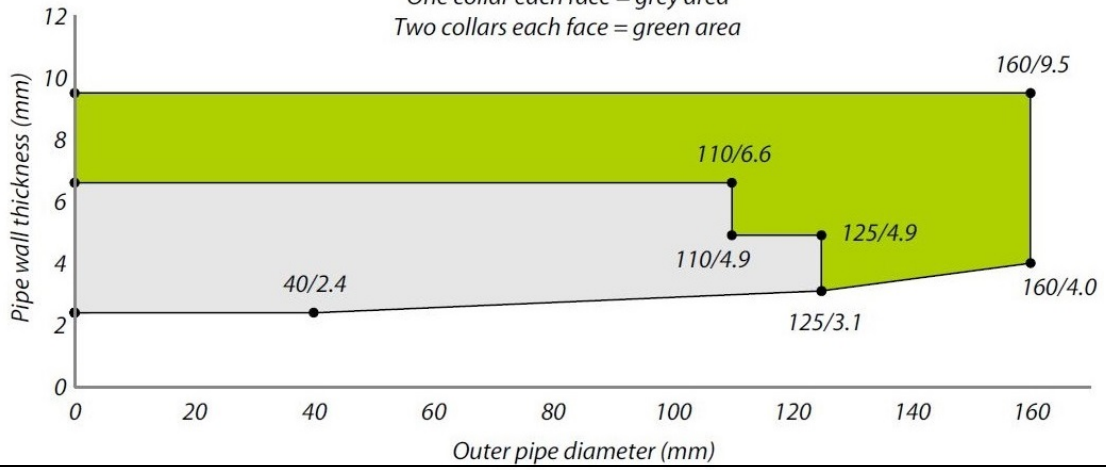
Approved pipe range PE /PE-HD / PEX / ABS / SAN+PVC
FRR -/60/60-U/U

One collar each face = grey area
Two collars each face = green area



Approved pipe range PE / PE-HD / PEX / ABS / SAN+PVC
FRR -/120/120-U/U

One collar each face = grey area
Two collars each face = green area



Products	Mulcol Multicollar Slim Mulcol Sealant
Application	Fire stopping of PE-HD, PE-X, ABS, SAN-PVC pipes in plasterboard or concrete walls
Construction	Minimum wall thickness 100mm

Fire Classification

PE-HD, PE-X, ABS, SAN-PVC pipe with single collar:
Up to 125mm diam and 10mm wall thickness
FRR -/60/60
Up to 125mm diam and 6mm wall thickness
FRR -/120/120

PE-HD, PE-X, ABS, SAN-PVC pipe with double collar:
Up to 160mm diam and 14mm wall thickness
FRR -/60/60
Up to 160mm diam and 9mm wall thickness
FRR -/120/120

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Multicollar Slim
100mm Plasterboard or Concrete Wall
PP Pipes

warringtonfire
FAS 210306 Pages 15-18
AS1530.4-2014 AS4072.1-2005

System/FPA Register ID# FC528

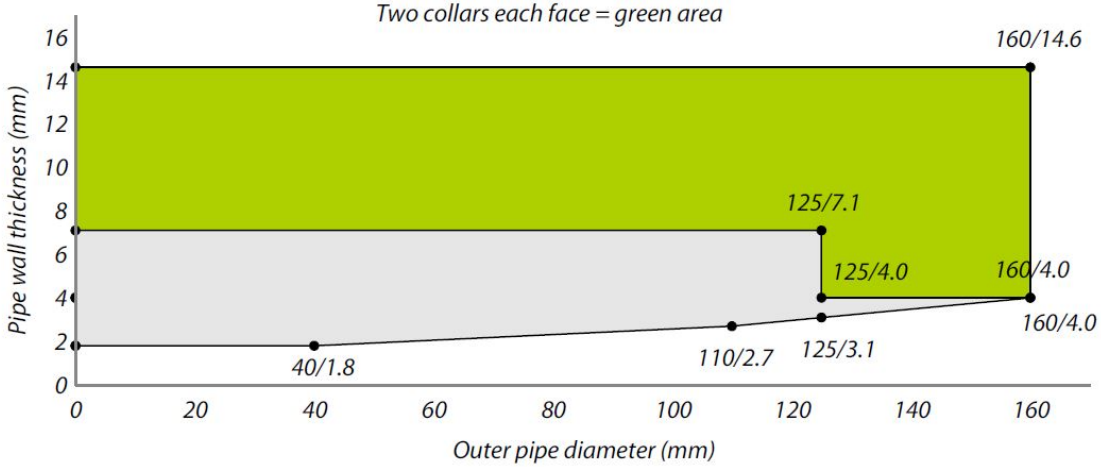
MULCOL Multicollar Slim tests have used the U/U end cap configuration (Uncapped/Uncapped).
This is the most onerous test for plastic pipes.
AS1530 Standard requires only C/U which is one level below U/U.

The graphs shown cover the most common pipe sizes and the most common ratings required (60 and 120 minutes).
For ratings other than 60 or 120min and for other applications applicable to closed systems (U/C systems for pipes up to 315mm), there are other helpful graphs on pages 24-29 of Multicollar Slim EN1366 Test Report - Wall on the Firestop Centre website.

Pipes may be uninsulated or insulated with acoustic insulation max 4mm thick.

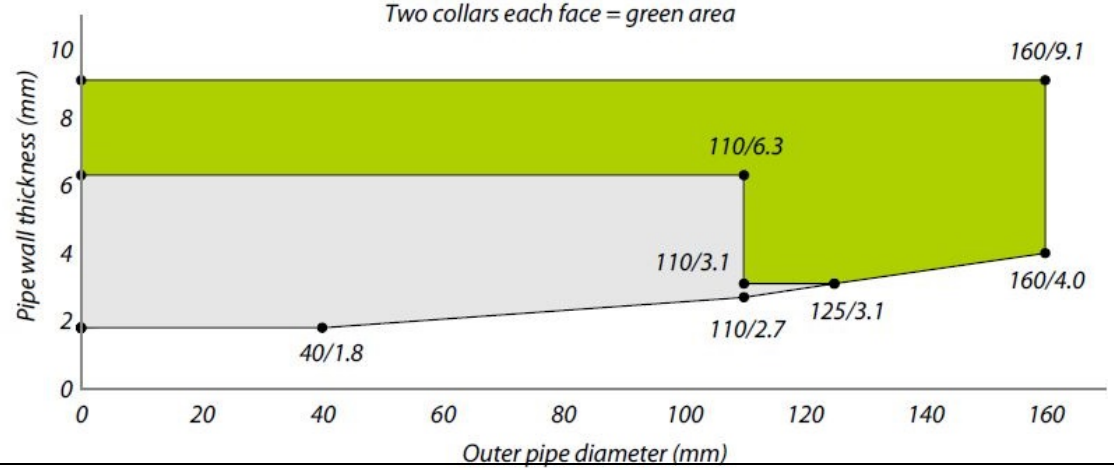
Approved pipe range PP
FRR -/60/60-U/U

One collar each face = grey area
Two collars each face = green area



Approved pipe range PP
FRR -/120/120-U/U

One collar each face = grey area
Two collars each face = green area



Products Mulcol Multicollar Slim Mulcol Sealant

Application Fire stopping of PP pipes in plasterboard or concrete walls

Construction Minimum wall thickness 100mm

Fire Classification

PP pipe with single collar:
Up to 125mm diam and 7mm wall thickness
FRR -/60/60
Up to 125mm diam and 6mm wall thickness
FRR -/120/120

PP pipe with double collar:
Up to 160mm diam and 14mm wall thickness
FRR -/60/60
Up to 160mm diam and 9mm wall thickness
FRR -/120/120

Where FRR of wall is less than FRR of the seal, then the lower FRR applies.

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