

fischer FiGM Intumescent Graphite Mastic

Substrate: Flexible Wall or Rigid Wall
Type of penetration: Plastic Pipes

APPLICATION



APPROVALS
ETA 14/0381
UL-EU-00879-A1



Up to 2hr



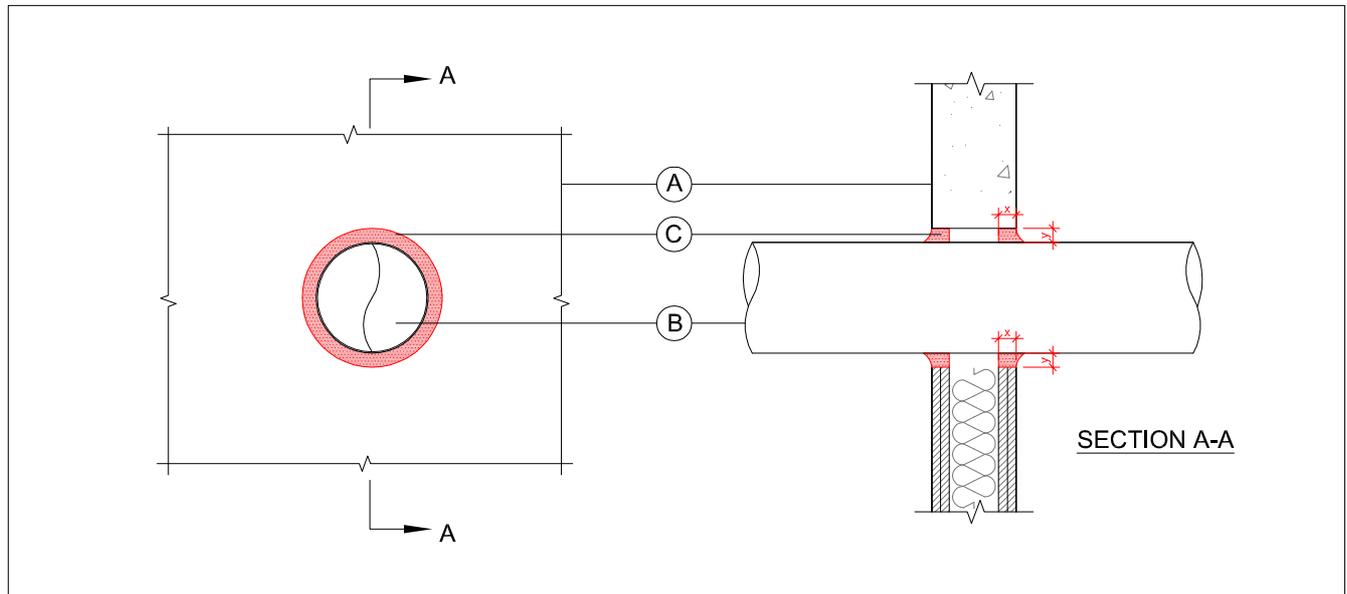
Up to 2hr



Rw (C;Ctr)=52(-1;-6)
(EN 10140-2)



600PA
(EN 1026:2000)



fischer FiGM Intumescent Graphite Mastic Sealent Penetration Seals. Min 120mm thick Flexible or Rigid Wall [A]							
Type of penetration [B]	Diameter	Wall thickness	Seal installed on both sides [x=depth 'y=annulus] [C]	Backing Material	Integrity (in minutes)	Insulation (in minutes)	End Cap Configuration
PVC Pipe	≤ 40 mm	1.9 mm - 3.0 mm	10 mm annulus [y] 25 mm depth [x]	Optional*	120	120	U/C
	≤ 125 mm	4.8 mm - 7.4 mm	16 mm annulus [y] 25 mm depth [x]	30 mm deep, 80kg/m ³ *	120	120	U/C
HDPE Pipe	≤ 63 mm	7.2 mm	10 mm annulus [y] 25 mm depth [x]	Optional*	120	120	U/C
	≤ 90 mm	9.2 mm	12.5 mm annulus [y] 25 mm depth [x]	Optional*	120	120	U/C
ABS Pipe	≤ 90 mm	6 mm	12.5 mm annulus [y] 25 mm depth [x]	Optional*	120	120	U/C

* Form of backing material could be used :
Ceramic Wool, Stone Wool, Glass Wool, Phenolic, PIR, PUR, EPS

The instructions and information within this document have been produced with the greatest possible care. However, any liability of fischerwerke GmbH & Co. KG for any errors in this document and for the consequences of such is excluded. Likewise, any liability of fischerwerke GmbH & Co. KG for direct or consequential damages arising in connection with the use of the stated products is excluded. All applications of the stated products have always to comply with the related approvals and installation instructions as well as applicable regulations of the relevant authorities at site.



fischerwerke GmbH & Co. KG Klaus-Fischer-Straße 1, 72178 Waldachtal Germany
Phone: (0049) 7443 12-12-0 / Fax: (0049) 7443 12-4222 / E-mail info@fischer.de

180503-CFD-06-ETA-C-1-1-1

Issue 01

fischer FiGM Intumescent Graphite Mastic

Substrate: Flexible Wall or Rigid Wall
Type of penetration: Plastic Pipes

APPLICATION



APPROVALS

ETA 14/0381
UL-EU-00879-A1



Up to 2hr



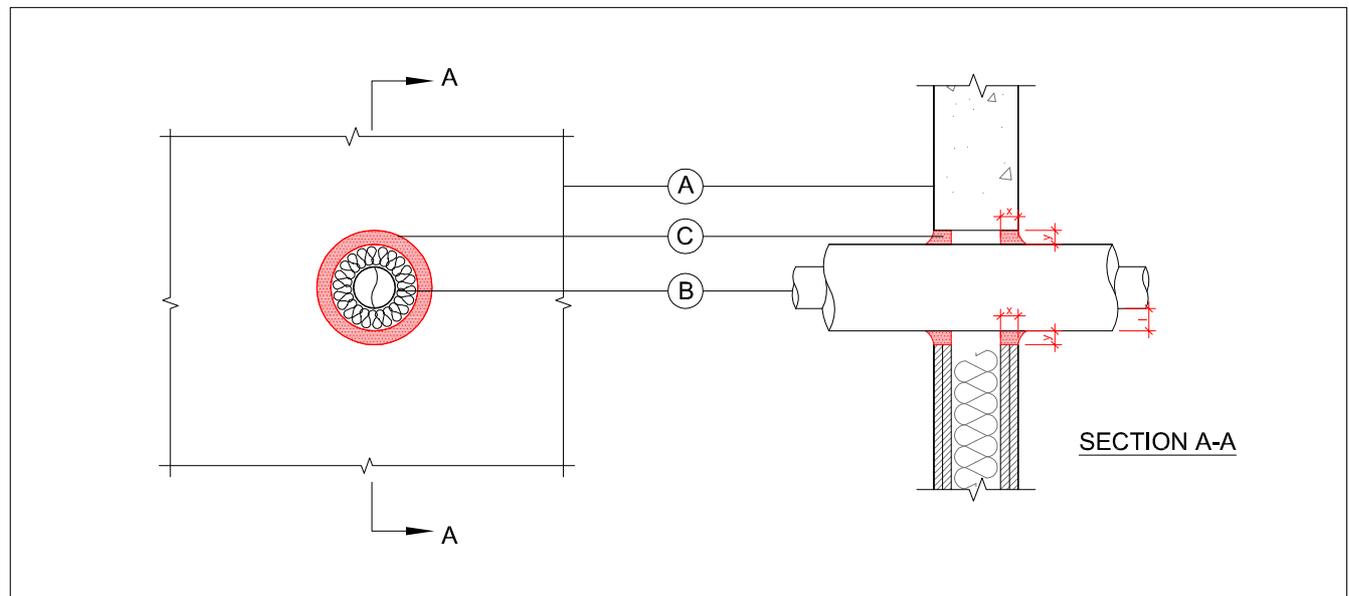
Up to 2hr



Rw (C;Ctr)=52(-1;-6)
(EN 10140-2)



600PA
(EN 1026:2000)



fischer FiGM PFS+Intumescent Graphite Mastic Sealent Penetration Seals. Min 120mm thick Flexible or Rigid Wall [A]								
Type of penetration [B]	Diameter	Insulation	Wall thickness	Seal installed on both sides [x=depth 'y=annulus] [C]	Backing Material	Integrity (in minutes)	Insulation (in minutes)	End Cap Configuration
Steel or Cooper Pipe	≤ 60 mm	32 mm Armaflex AF [j]**	0.8 mm - 14.2 mm	20 mm annulus [y] 25 mm depth [x]	Optional *	120	90	U/C
	≤ 15 mm	13 mm Armaflex AF [j]**	0.8 mm - 7.0 mm	15 mm annulus [y] 25 mm depth [x]	Optional *	120	120	U/C

* Form of backing material could be used :
Ceramic Wool, Stone Wool, Glass Wool, Phenolic, PIR, PUR, EPS
** Insulation 'Armaflex AF' (CS) Continued Sustained

The instructions and information within this document have been produced with the greatest possible care. However, any liability of fischerwerke GmbH & Co. KG for any errors in this document and for the consequences of such is excluded. Likewise, any liability of fischerwerke GmbH & Co. KG for direct or consequential damages arising in connection with the use of the stated products is excluded. All applications of the stated products have always to comply with the related approvals and installation instructions as well as applicable regulations of the relevant authorities at site.



fischer FiGM Intumescent Graphite Mastic

Substrate: Flexible Wall or Rigid Wall
Type of penetration: Plastic Pipes

APPLICATION



APPROVALS

ETA 14/0381
UL-EU-00879-A1



Up to 2hr



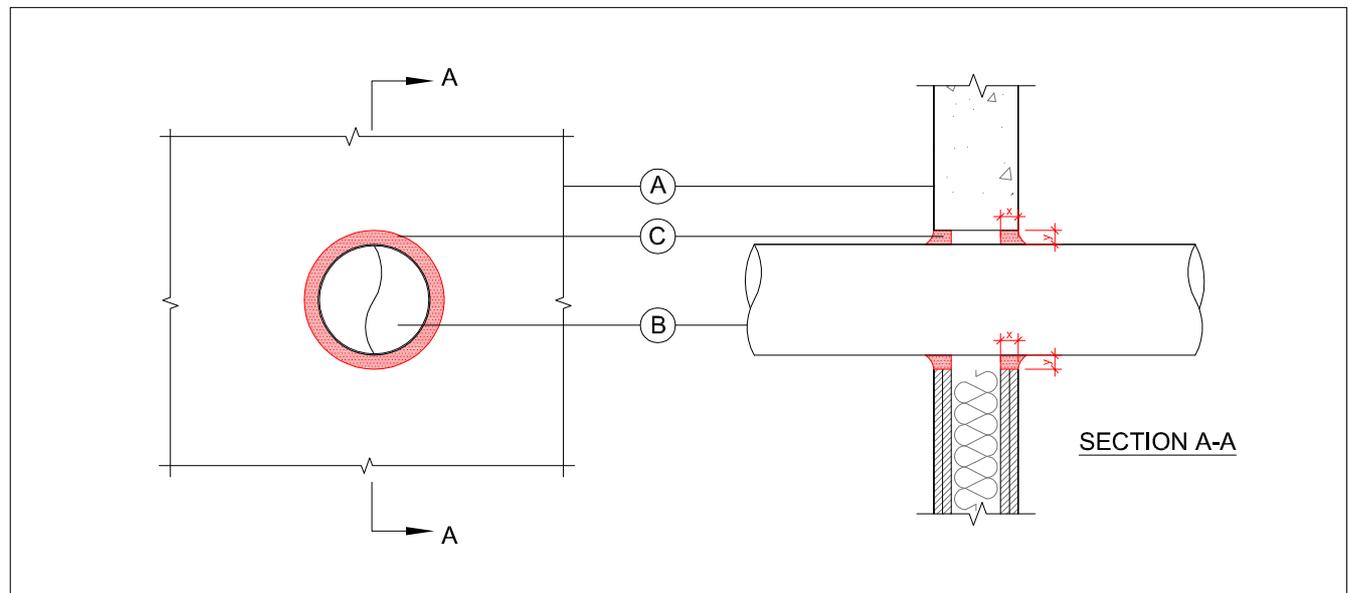
Up to 2hr



Rw (C;Ctr)=52(-1;-6)
(EN 10140-2)



600PA
(EN 1026:2000)



fischer FiGM Intumescent Graphite Mastic Sealent Penetration Seals. Min 100mm thick Flexible or Rigid Wall [A]							
Type of penetration [B]	Diameter	Wall thickness	Seal installed on both sides [x=depth 'y=annulus] [C]	Backing Material	Integrity (in minutes)	Insulation (in minutes)	End Cap Configuration
PVC Pipe	≤ 40 mm	1.9 mm	20 mm annulus [y] 25 mm depth [x]	Optional*	120	120	C/U
	≤ 125 mm	9.2 mm			60	60	C/U
HDPE Pipe	≤ 40 mm	1.9 mm			120	120	C/U
ABS Pipe	≤ 40 mm	2 mm			120	120	C/U

* Form of backing material could be used :
Ceramic Wool, Stone Wool, Glass Wool, Phenolic, PIR, PUR, EPS

The instructions and information within this document have been produced with the greatest possible care. However, any liability of fischerwerke GmbH & Co. KG for any errors in this document and for the consequences of such is excluded. Likewise, any liability of fischerwerke GmbH & Co. KG for direct or consequential damages arising in connection with the use of the stated products is excluded. All applications of the stated products have always to comply with the related approvals and installation instructions as well as applicable regulations of the relevant authorities at site.



fischerwerke GmbH & Co. KG Klaus-Fischer-Straße 1, 72178 Waldachtal Germany
Phone: (0049) 7443 12-12-0 / Fax: (0049) 7443 12-4222 / E-mail info@fischer.de

180503-CFD-06-ETA-C-2-1-1

Issue 01

fischer FiGM Intumescent Graphite Mastic

Substrate: Flexible Wall or Rigid Wall
Type of penetration: Insulated Metallic Pipes

APPLICATION



APPROVALS

ETA 14/0381
UL-EU-00879-A1



Up to 2hr



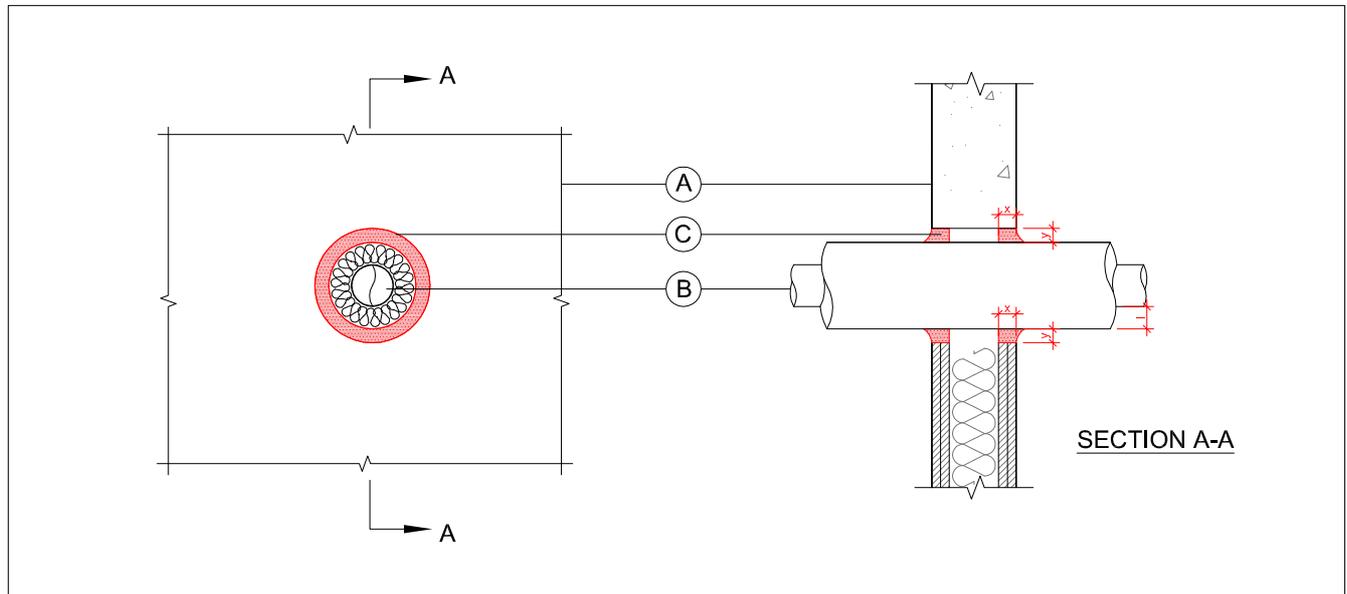
Up to 0.5hr



Rw (C;Ctr)=52(-1;-6)
(EN 10140-2)



600PA
(EN 1026:2000)



fischer FiGM Intumescent Graphite Mastic Sealent Penetration Seals. Min 100mm thick Flexible or Rigid Wall [A]								
Type of penetration [B]	Diameter	Insulation	Wall thickness	Seal installed on both sides [x=depth 'y=annulus] [C]	Backing Material	Integrity (in minutes)	Insulation (in minutes)	End Cap Configuration
Steel or Cooper Pipe	≤ 40 mm	32 mm Armflex AF [i]**	1.5 mm - 14.2 mm	20 mm annulus [y] 25 mm depth [x]	Optional *	120	30	C/U
	≤ 159 mm	32 mm Armflex AF [i]**	2.0 mm -14.2 mm			120	30	C/U
	≤ 159 mm	32 mm "Pipelane" SGR glass wool tube [i]**	2.0 mm -14.2 mm			120	30	C/U

* Form of backing material could be used :
Ceramic Wool, Stone Wool, Glass Wool, Phenolic, PIR, PUR, EPS
** Insulation Local Sustained 650 mm

The instructions and information within this document have been produced with the greatest possible care. However, any liability of fischerwerke GmbH & Co. KG for any errors in this document and for the consequences of such is excluded. Likewise, any liability of fischerwerke GmbH & Co. KG for direct or consequential damages arising in connection with the use of the stated products is excluded. All applications of the stated products have always to comply with the related approvals and installation instructions as well as applicable regulations of the relevant authorities at site.



fischerwerke GmbH & Co. KG Klaus-Fischer-Straße 1, 72178 Waldachtal Germany
Phone: (0049) 7443 12-12-0 / Fax: (0049) 7443 12-4222 / E-mail info@fischer.de

180503-CFD-06-ETA-C-2-2-1

Issue 01

fischer FiGM Intumescent Graphite Mastic

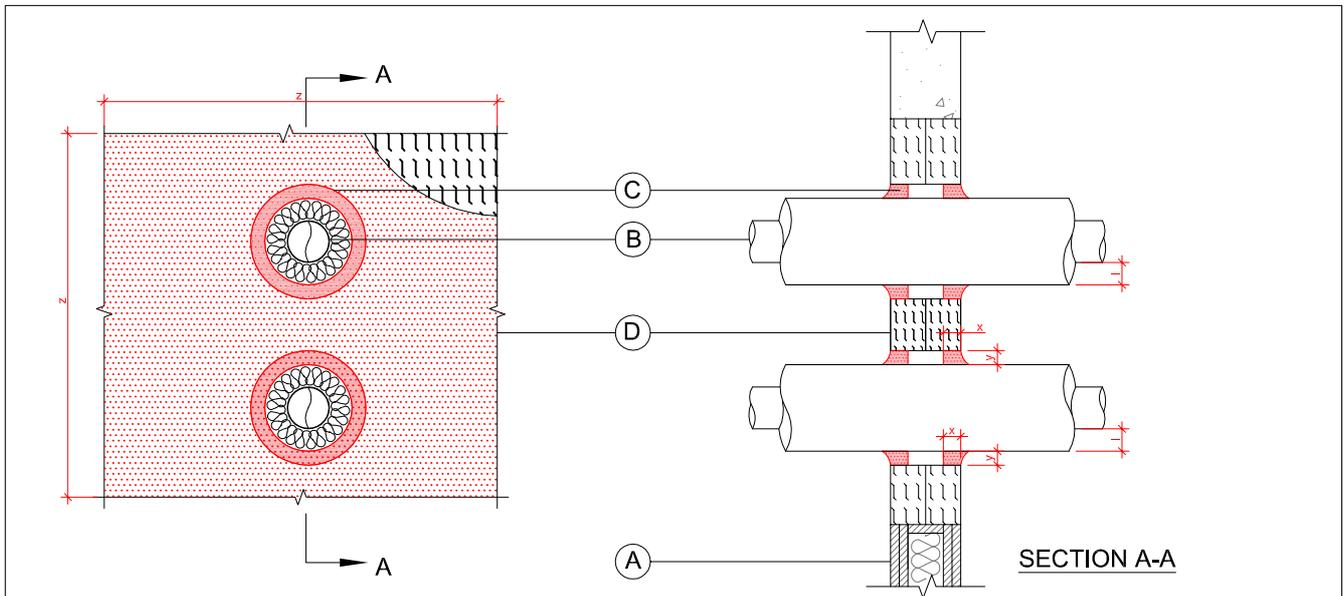
Substrate: Flexible Wall or Rigid Wall
Type of penetration: Insulated Metallic Pipes

APPLICATION



APPROVALS
ETA 14/0381
UL-EU-00879-A1

			
Up to 1.5hr	Up to 1hr	Rw (C;Ctr)=52(-1;-6) (EN 10140-2)	600PA (EN 1026:2000)



fischer FiGM Intumescent Graphite Mastic Sealant Penetration Seals. Min 100mm thick Flexible or Rigid Wall [A]								
Type of penetration [B]	Diameter	Insulation	Wall thickness	fischer FCPS Coated Panel System	Seal installed on both sides [x=depth 'y=annulus] [C]	Integrity (in minutes)	Insulation (in minutes)	End Cap Configuration
Steel or Cooper Pipe	≤ 40 mm	20 mm Foil faced glass wool (80kg/m³) [j]*	1.5 mm - 14.2 mm	Double layer of 50 mm fischer FCPS Coated Panel System max 600 mm high [z] x 600 mm wide [z]	15 mm annulus [y] 15 mm depth [x]	60	60	C/U
	≤ 159 mm	30 mm Foil faced glass wool (80kg/m³) [j]*	2.3 mm -14.2 mm			90	60	C/U
Steel Pipe	≤ 40 mm	20 mm Foil faced glass wool (80kg/m³) [j]*	1.7 mm -14.2 mm			90	60	C/U
	≤ 150 mm	30 mm Foil faced glass wool (80kg/m³) [j]*	2.3 mm -14.2 mm			60	60	C/U

* Insulation (CS) Continued Sustained

The instructions and information within this document have been produced with the greatest possible care. However, any liability of fischerwerke GmbH & Co. KG for any errors in this document and for the consequences of such is excluded. Likewise, any liability of fischerwerke GmbH & Co. KG for direct or consequential damages arising in connection with the use of the stated products is excluded. All applications of the stated products have always to comply with the related approvals and installation instructions as well as applicable regulations of the relevant authorities at site.



fischerwerke GmbH & Co. KG Klaus-Fischer-Straße 1, 72178 Waldachtal Germany
Phone: (0049) 7443 12-12-0 / Fax: (0049) 7443 12-4222 / E-mail info@fischer.de

180503-CFD-06-ETA-C-2-3-1

Issue 01

fischer FiGM Intumescent Graphite Mastic

Substrate: Flexible Wall or Rigid Wall
Type of penetration: MLC and Plastic Pipes

APPLICATION



APPROVALS

ETA 14/0381
UL-EU-00879-A1



Up to 45 minutes



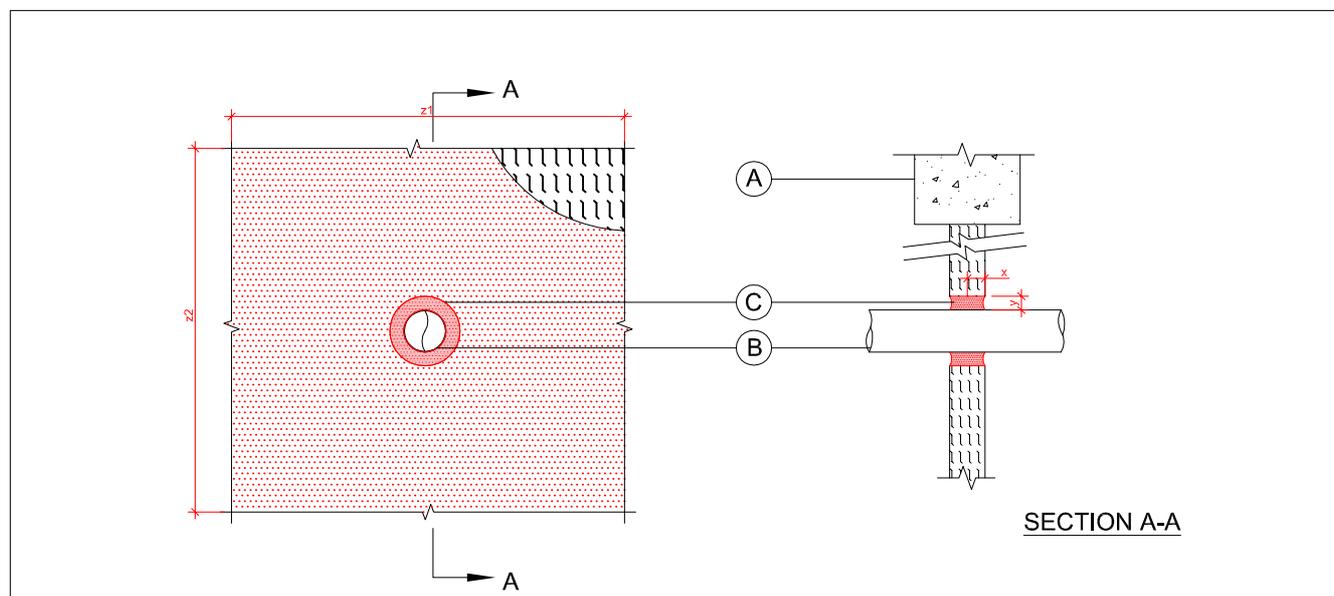
Up to 45 Min.



Rw (C;Ctr)=52(-1;-6)
(EN 10140-2)



600PA
(EN 1026:2000)



fischer FiGM Intumescent Graphite Mastic Sealent Penetration Seals. Min 150mm thick Flexible or Rigid Wall [A]							
Type of penetration [B]	Diameter	Wall thickness	fischer FCPS Coated Panel System	Seal installed on both sides [x=depth 'y=annulus] [C]	Integrity (in minutes)	Insulation (in minutes)	End Cap Configuration
PVC Pipe	≤ 50 mm	2.4 mm - 7.4 mm	Single layer of 50 mm fischer FCPS Coated Panel System max 1100 mm high [z2] x 750 mm wide [z1]	20 mm annulus [y] 50 mm depth [x]	45	45	U/C
Uponor MLC (Multi-Layer-Composite) Pipe	≤ 40 mm	4 mm			45	30	U/C
	≤ 50 mm	4.5 mm			45	30	U/C
	≤ 63 mm	6 mm			45	30	U/C
	≤ 75 mm	7.5 mm			45	30	U/C
	≤ 90 mm	8.5 mm			45	30	U/C
	≤ 110 mm	10 mm			45	30	U/C

The instructions and information within this document have been produced with the greatest possible care. However, any liability of fischerwerke GmbH & Co. KG for any errors in this document and for the consequences of such is excluded. Likewise, any liability of fischerwerke GmbH & Co. KG for direct or consequential damages arising in connection with the use of the stated products is excluded. All applications of the stated products have always to comply with the related approvals and installation instructions as well as applicable regulations of the relevant authorities at site.



fischerwerke GmbH & Co. KG Klaus-Fischer-Straße 1, 72178 Waldachtal Germany
Phone: (0049) 7443 12-12-0 / Fax: (0049) 7443 12-4222 / E-mail info@fischer.de

180503-CFD-06-ETA-C-3-1-1a

Issue 01

fischer FiGM Intumescent Graphite Mastic

Substrate: Flexible Wall or Rigid Wall
Type of penetration: MLC and Plastic Pipes



Up to 2hr



Up to 2hr



Rw (C;Ctr)=52(-1;-6)
(EN 10140-2)



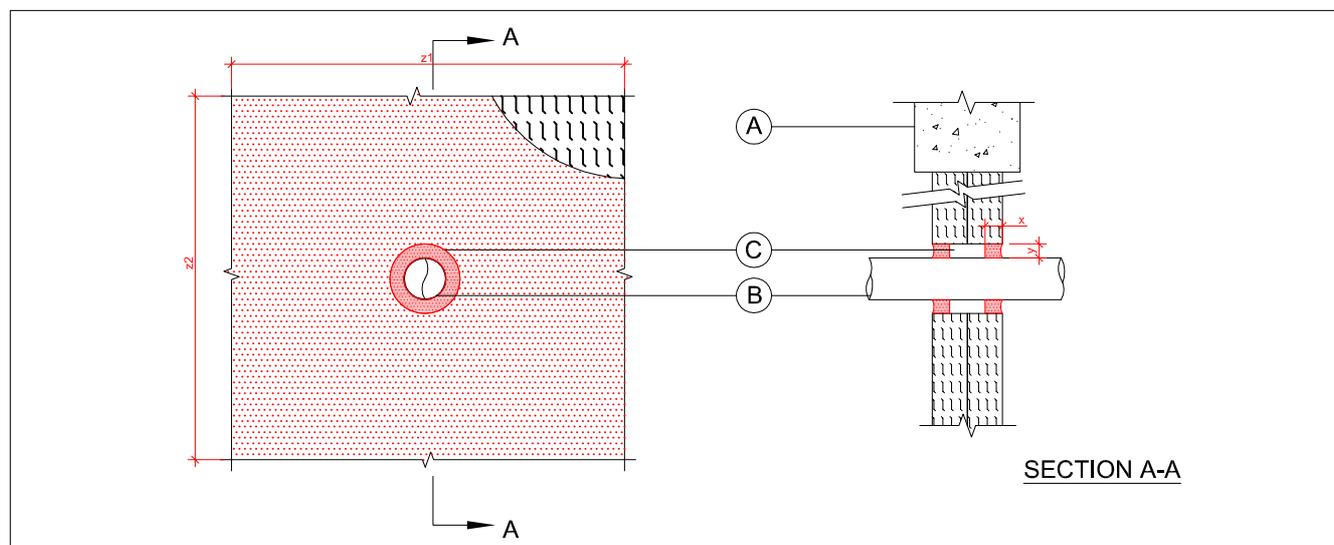
600PA
(EN 1026:2000)

APPLICATION



APPROVALS

ETA 14/0381
UL-EU-00879-A1



fischer FiGM Intumescent Graphite Mastic Sealant Penetration Seals. Min 150mm thick Flexible or Rigid Wall [A]								
Type of penetration [B]	Diameter	Wall thickness	fischer FCPS Coated Panel System	Seal installed on both sides [x=depth 'y=annulus] [C]	Backing Material	Integrity (in minutes)	Insulation (in minutes)	End Cap Configuration
PVC Pipe	≤ 25 mm	2.4 mm - 7.4 mm	Double layer of 50 mm fischer FCPS Coated Panel System max 1100 mm high [z1]x 750 mm wide [z2]	20 mm annulus [y] 25 mm depth [x]	Optional*	120	90	U/C
Uponor MLC (Multi-Layer-Composite) Pipe	≤ 40 mm	4 mm				120	120	U/C
	≤ 50 mm	4.5 mm				120	120	U/C
	≤ 63 mm	6 mm				120	120	U/C
	≤ 75 mm	7.5 mm				120	120	U/C
	≤ 90 mm	8.5 mm				120	120	U/C
	≤ 110 mm	10 mm				120	120	U/C

* Form of backing material could be used :
Ceramic Wool, Stone Wool, Glass Wool, Phenolic, PIR, PUR, EPS

The instructions and information within this document have been produced with the greatest possible care. However, any liability of fischerwerke GmbH & Co. KG for any errors in this document and for the consequences of such is excluded. Likewise, any liability of fischerwerke GmbH & Co. KG for direct or consequential damages arising in connection with the use of the stated products is excluded. All applications of the stated products have always to comply with the related approvals and installation instructions as well as applicable regulations of the relevant authorities at site.



fischerwerke GmbH & Co. KG Klaus-Fischer-Straße 1, 72178 Waldachtal Germany
Phone: (0049) 7443 12-12-0 / Fax: (0049) 7443 12-4222 / E-mail info@fischer.de

180503-CFD-06-ETA-C-3-1-1b

Issue 01

fischer FiGM Intumescent Graphite Mastic

Substrate: Flexible Wall or Rigid Wall
Type of penetration: Electrical Cables

APPLICATION



APPROVALS

ETA 14/0381
UL-EU-00879-A1



Up to 45 minutes



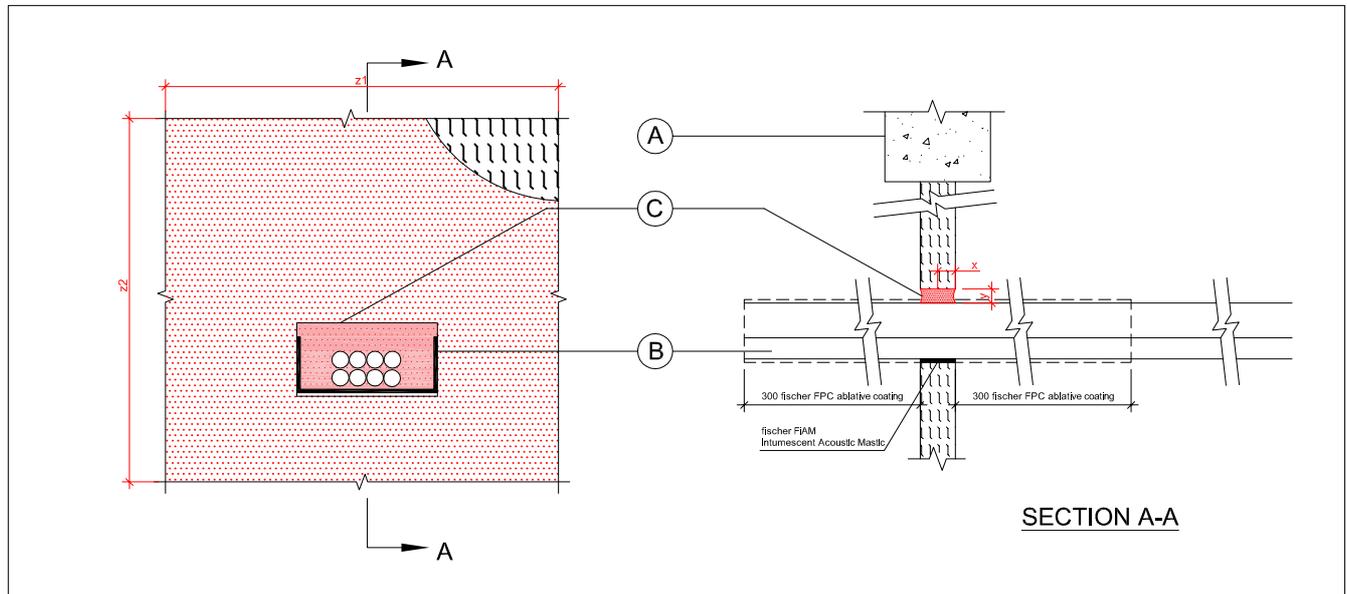
Up to 45 Min.



Rw (C;Ctr)=52(-1;-6)
(EN 10140-2)



600PA
(EN 1026:2000)



fischer FiGM Intumescent Graphite Mastic Sealent Penetration Seals. Min 150mm thick Flexible or Rigid Wall [A]					
Type of penetration [B]	Diameter	fischer FCPS Coated Panel System	Seal installed on both sides [x=depth 'y=annulus] [C]	Integrity (in minutes)	Insulation (in minutes)
Cable or cable tray	500 mm perforated cable tray	Single layer of 50 mm fischer FCPS Coated Panel System max 1100 mm high [z1] x 750 mm wide [z2]	20 mm highth [y] 50 mm depth [x]	30	30
	Electrical cables up to 21 mm Ø			45	45
	1 of 'C1' Cable				
	1 of 'C2' Cable				
1 of 'C3' Cable					

The instructions and information within this document have been produced with the greatest possible care. However, any liability of fischerwerke GmbH & Co. KG for any errors in this document and for the consequences of such is excluded. Likewise, any liability of fischerwerke GmbH & Co. KG for direct or consequential damages arising in connection with the use of the stated products is excluded. All applications of the stated products have always to comply with the related approvals and installation instructions as well as applicable regulations of the relevant authorities at site.



fischerwerke GmbH & Co. KG Klaus-Fischer-Straße 1, 72178 Waldachtal Germany
Phone: (0049) 7443 12-12-0 / Fax: (0049) 7443 12-4222 / E-mail info@fischer.de

180503-CFD-06-ETA-C-3-2-1a

Issue 01

fischer FiGM Intumescent Graphite Mastic

Substrate: Flexible Wall or Rigid Wall
Type of penetration: Electrical Cables

APPLICATION



APPROVALS

ETA 14/0381
UL-EU-00879-A1



Up to 2hr



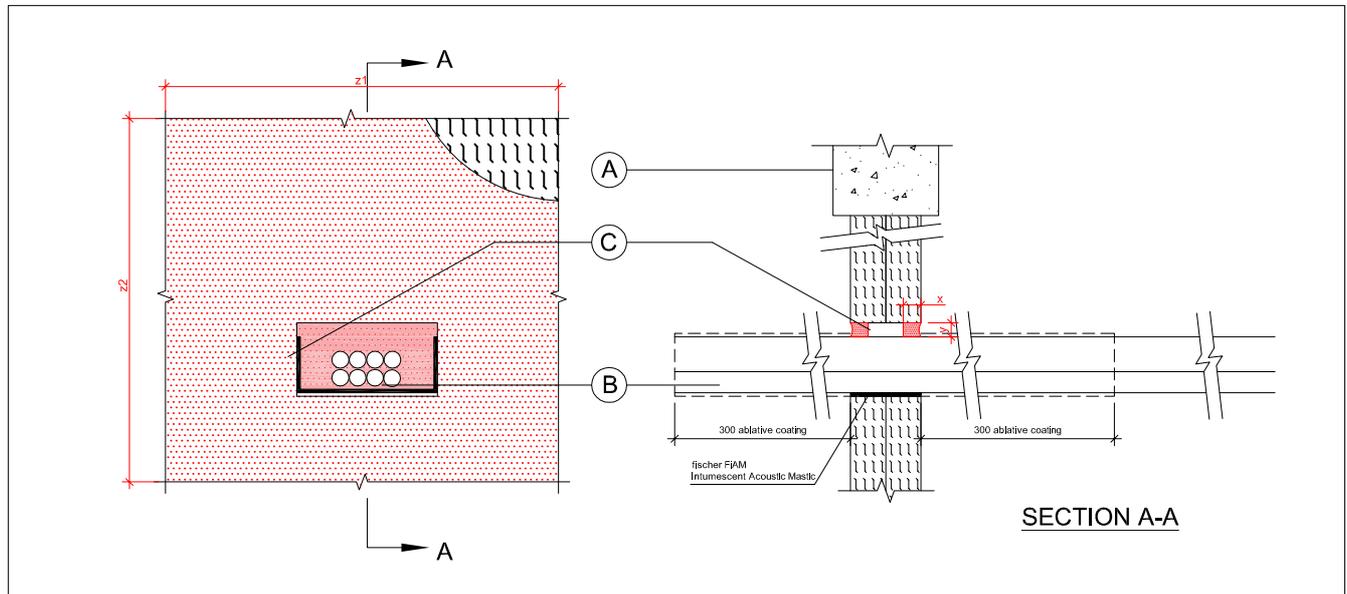
Up to 2hr



Rw (C;Ctr)=52(-1;-6)
(EN 10140-2)



600PA
(EN 1026:2000)



fischer FiGM Intumescent Graphite Mastic Sealent Penetration Seals. Min 150mm thick Flexible or Rigid Wall [A]					
Type of penetration [B]	Diameter	fischer FCPS Coated Panel System	Seal installed on both sides [x=depth 'y=annulus] [C]	Integrity (in minutes)	Insulation (in minutes)
Cable or cable tray	500 mm perforated cable tray	Double layer of 50 mm fischer FCPS Coated Panel System max 1100 mm high [z1] x 750 mm wide [z2]	20 mm annulus [y] 25 mm depth [x]	120	120
	Electrical cables up to 21 mm Ø				
	1 of 'C1' Cable			120	90
	1 of 'C2' Cable			120	120
	1 of 'C3' Cable				

The instructions and information within this document have been produced with the greatest possible care. However, any liability of fischerwerke GmbH & Co. KG for any errors in this document and for the consequences of such is excluded. Likewise, any liability of fischerwerke GmbH & Co. KG for direct or consequential damages arising in connection with the use of the stated products is excluded. All applications of the stated products have always to comply with the related approvals and installation instructions as well as applicable regulations of the relevant authorities at site.



fischerwerke GmbH & Co. KG Klaus-Fischer-Straße 1, 72178 Waldachtal Germany
Phone: (0049) 7443 12-12-0 / Fax: (0049) 7443 12-4222 / E-mail info@fischer.de

180503-CFD-06-ETA-C-3-2-1b

Issue 01

fischer FiGM Intumescent Graphite Mastic

Substrate: Flexible Floor or Rigid Floor
Type of penetration: Electrical Cables

APPLICATION



APPROVALS
ETA 14/0381
UL-EU-00879-A1



Up to 3hr



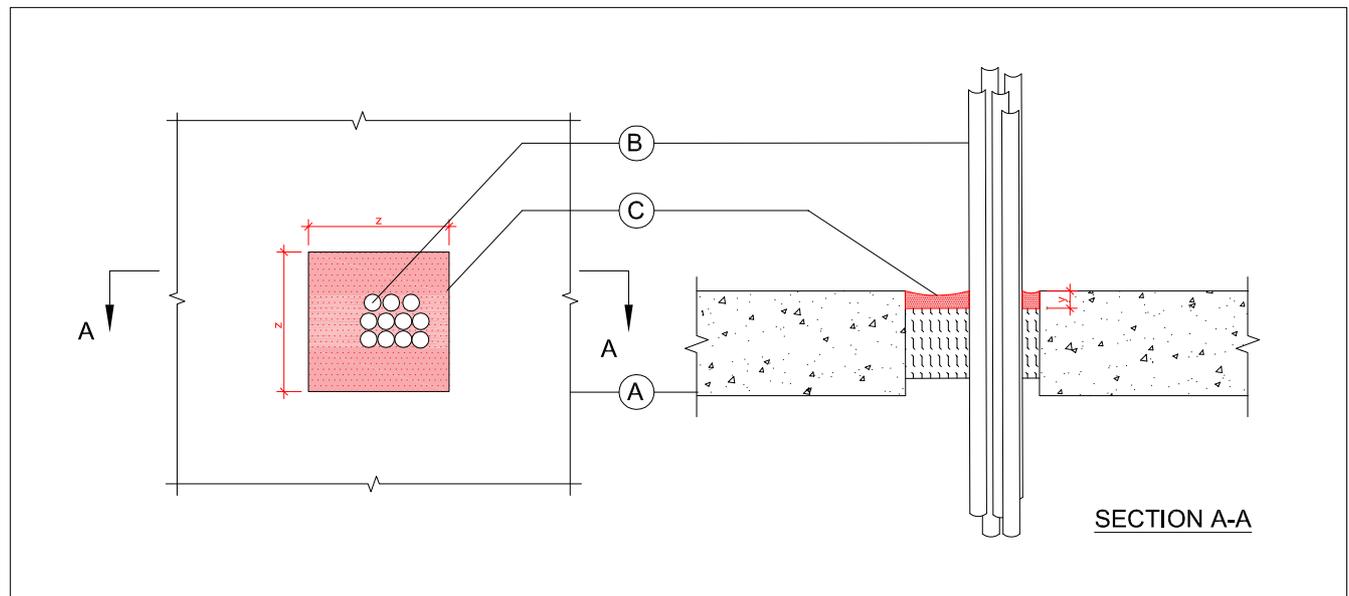
Up to 20 Min.



Rw (C;Ctr)=52(-1;-6)
(EN 10140-2)



600PA
(EN 1026:2000)



fischer FiGM Intumescent Graphite Mastic Sealant Penetration Seals. Min 100mm thick Flexible or Rigid Wall [A]						
Type of penetration [B]	Diameter	Aperture Size (mm)	Seal installed on both sides [x=depth 'y=annulus] [C]	Backing Material	Integrity (in minutes)	Insulation (in minutes)
Electrical Cables	0 - 21 mm	50 mm - 200 mm [z]	25 mm depth [y]	100 mm deep stone wool 45kg/m ³	180	20
	22 mm - 80 mm				120	20
	Non sheathed 0 - 24 mm				180	15
	Up to 21 mm Telecomm in up to 100 mm bundles				180	20

The instructions and information within this document have been produced with the greatest possible care. However, any liability of fischerwerke GmbH & Co. KG for any errors in this document and for the consequences of such is excluded. Likewise, any liability of fischerwerke GmbH & Co. KG for direct or consequential damages arising in connection with the use of the stated products is excluded. All applications of the stated products have always to comply with the related approvals and installation instructions as well as applicable regulations of the relevant authorities at site.



fischerwerke GmbH & Co. KG Klaus-Fischer-Straße 1, 72178 Waldachtal Germany
Phone: (0049) 7443 12-12-0 / Fax: (0049) 7443 12-4222 / E-mail info@fischer.de

180503-CFD-06-ETA-C-4-1-1

Issue 01

fischer FiGM Intumescent Graphite Mastic

Substrate: Flexible Floor or Rigid Floor
Type of penetration: Insulated Metallic Pipes

APPLICATION



APPROVALS
ETA 14/0381
UL-EU-00879-A1



Up to 4hr



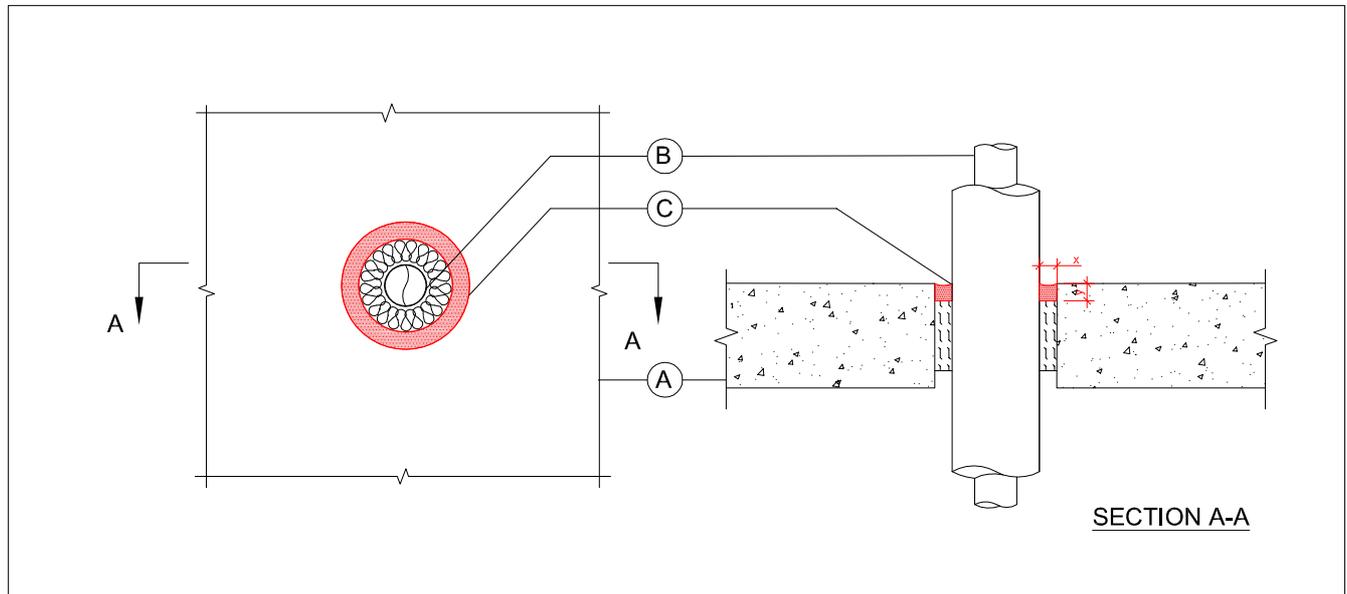
Up to 1hr



Rw (C;Ctr)=52(-1;-6)
(EN 10140-2)



600PA
(EN 1026:2000)



fischer FiGM Intumescent Graphite Mastic Sealant Penetration Seals. Min 100mm thick Flexible or Rigid Wall [A]							
Type of penetration [B]	Diameter	Wall thickness	Seal installed on both sides [x=depth 'y=annulus] [C]	Backing Material	Integrity (in minutes)	Insulation (in minutes)	End Cap Configuration
Steel or Cooper Pipe	41 mm - 159*	2.5 mm - 14.2 mm	20 mm annulus [y] 25 mm depth [x]	100 mm deep stone wool 45kg/m ³	20	20	U/C
	41 mm*	1.4 mm -14.2 mm			240	60	U/C

* Insulation 'Armaflex AF' (CS) Continued Sustained

The instructions and information within this document have been produced with the greatest possible care. However, any liability of fischerwerke GmbH & Co. KG for any errors in this document and for the consequences of such is excluded. Likewise, any liability of fischerwerke GmbH & Co. KG for direct or consequential damages arising in connection with the use of the stated products is excluded. All applications of the stated products have always to comply with the related approvals and installation instructions as well as applicable regulations of the relevant authorities at site.



fischerwerke GmbH & Co. KG Klaus-Fischer-Straße 1, 72178 Waldachtal Germany
Phone: (0049) 7443 12-12-0 / Fax: (0049) 7443 12-4222 / E-mail info@fischer.de

180503-CFD-06-ETA-C-4-2-1

Issue 01

fischer FiGM Intumescent Graphite Mastic

Substrate: Flexible Floor or Rigid Floor
Type of penetration: Plastic Pipes

APPLICATION



APPROVALS

ETA 14/0381
UL-EU-00879-A1



Up to 4hr



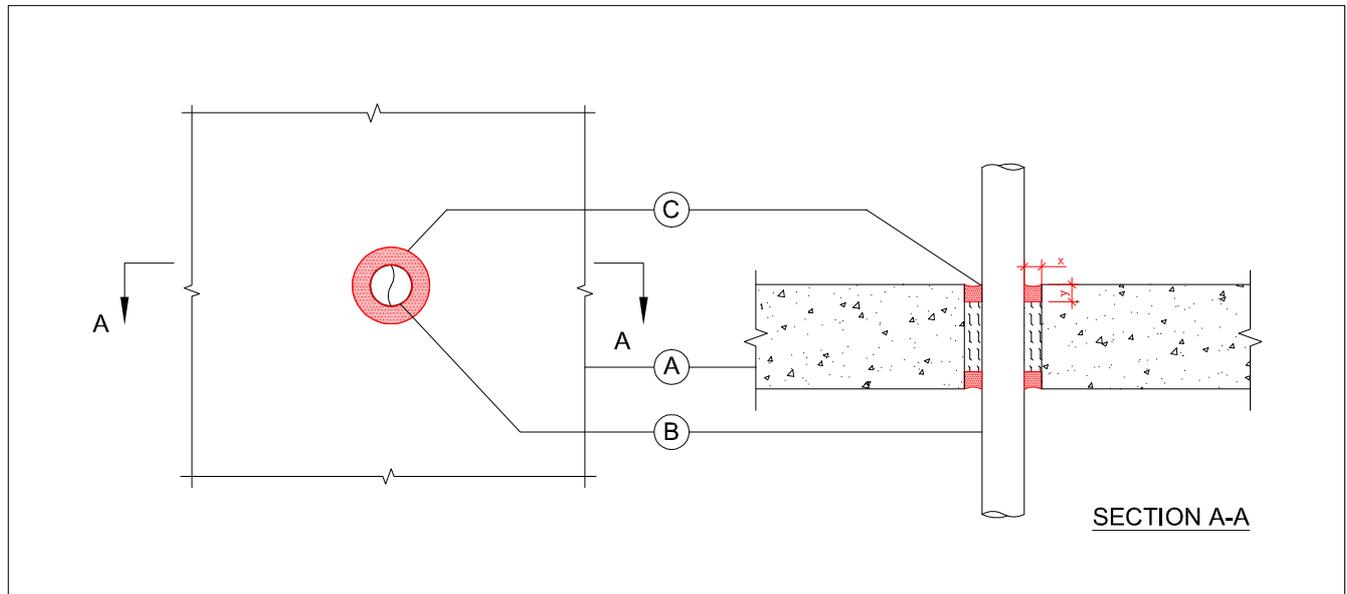
Up to 4hr



Rw (C;Ctr)=52(-1;-6)
(EN 10140-2)



600PA
(EN 1026:2000)



fischer FiGM Intumescent Graphite Mastic Sealent Penetration Seals. Min 100mm thick Flexible or Rigid Wall [A]							
Type of penetration [B]	Diameter	Wall thickness	Seal installed on both sides [x=depth 'y=annulus] [C]	Backing Material	Integrity (in minutes)	Insulation (in minutes)	End Cap Configuration
PP Pipe	110 mm	3.7 mm	20 mm annulus [y] 25 mm depth [x]	100 mm deep stone wool 45kg/m ³	30	30	U/C
	110 mm	10.7 mm			120	120	U/C
	50 mm	2.1 mm			240	240	U/C
PE Pipe	40 mm	4.1 mm			240	240	U/C
	125 mm	7.6 mm			60	60	U/C
	125 mm	11.4 mm			90	90	U/C
PVC Pipe	40 mm	2.0 mm			240	240	U/C
	114 mm	3.6 mm			90	45	U/C
	114 mm	8.1 mm			120	120	U/C

The instructions and information within this document have been produced with the greatest possible care. However, any liability of fischerwerke GmbH & Co. KG for any errors in this document and for the consequences of such is excluded. Likewise, any liability of fischerwerke GmbH & Co. KG for direct or consequential damages arising in connection with the use of the stated products is excluded. All applications of the stated products have always to comply with the related approvals and installation instructions as well as applicable regulations of the relevant authorities at site.



fischerwerke GmbH & Co. KG Klaus-Fischer-Straße 1, 72178 Waldachtal Germany
Phone: (0049) 7443 12-12-0 / Fax: (0049) 7443 12-4222 / E-mail info@fischer.de

180503-CFD-06-ETA-C-4-3-1

Issue 01

fischer FiGM Intumescent Graphite Mastic

Substrate: Flexible Floor or Rigid Floor
Type of penetration: Plastic Pipes

APPLICATION



APPROVALS
ETA 14/0381
UL-EU-00879-A1



Up to 2hr



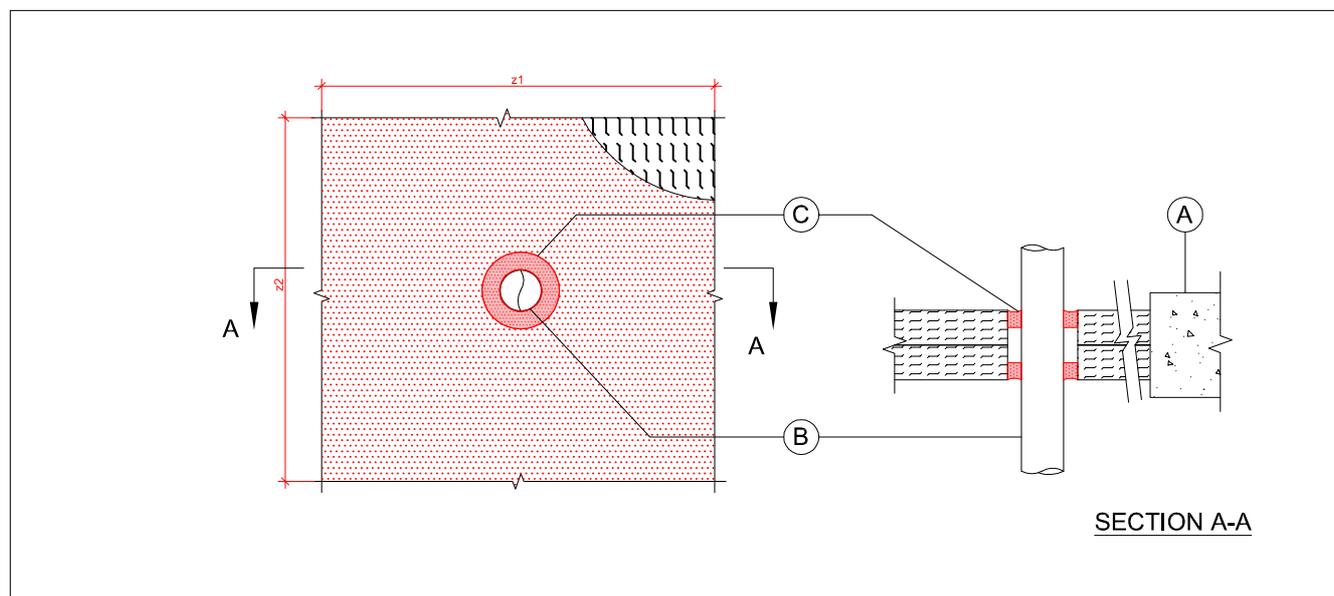
Up to 2hr



Rw (C;Ctr)=52(-1;-6)
(EN 10140-2)



600PA
(EN 1026:2000)



fischer FiGM Intumescent Graphite Mastic Sealent Penetration Seals. Min 150mm thick Flexible or Rigid Wall [A]								
Type of penetration [B]	Diameter	Wall thickness	fischer FCPS Coated Panel System	Seal installed on both sides [x=depth 'y=annulus] [C]	Backing Material	Integrity (in minutes)	Insulation (in minutes)	End Cap Configuration
Plastic Pipe	Pipe Diameters as below	-	Double layer of 50 mm fischer FCPS Coated Panel System max 1100 mm high [z1] x 750 mm wide [z2]	20 mm annulus [y] 25 mm depth [x]	-	-	-	-

The instructions and information within this document have been produced with the greatest possible care. However, any liability of fischerwerke GmbH & Co. KG for any errors in this document and for the consequences of such is excluded. Likewise, any liability of fischerwerke GmbH & Co. KG for direct or consequential damages arising in connection with the use of the stated products is excluded. All applications of the stated products have always to comply with the related approvals and installation instructions as well as applicable regulations of the relevant authorities at site.



fischerwerke GmbH & Co. KG Klaus-Fischer-Straße 1, 72178 Waldachtal Germany
Phone: (0049) 7443 12-12-0 / Fax: (0049) 7443 12-4222 / E-mail info@fischer.de

180503-CFD-06-ETA-C-5-1-1

Issue 01

fischer FiGM Intumescent Graphite Mastic

Substrate: Flexible Floor or Rigid Floor
Type of penetration: Electrical Cables

APPLICATION



APPROVALS

ETA 14/0381
UL-EU-00879-A1



Up to 1hr



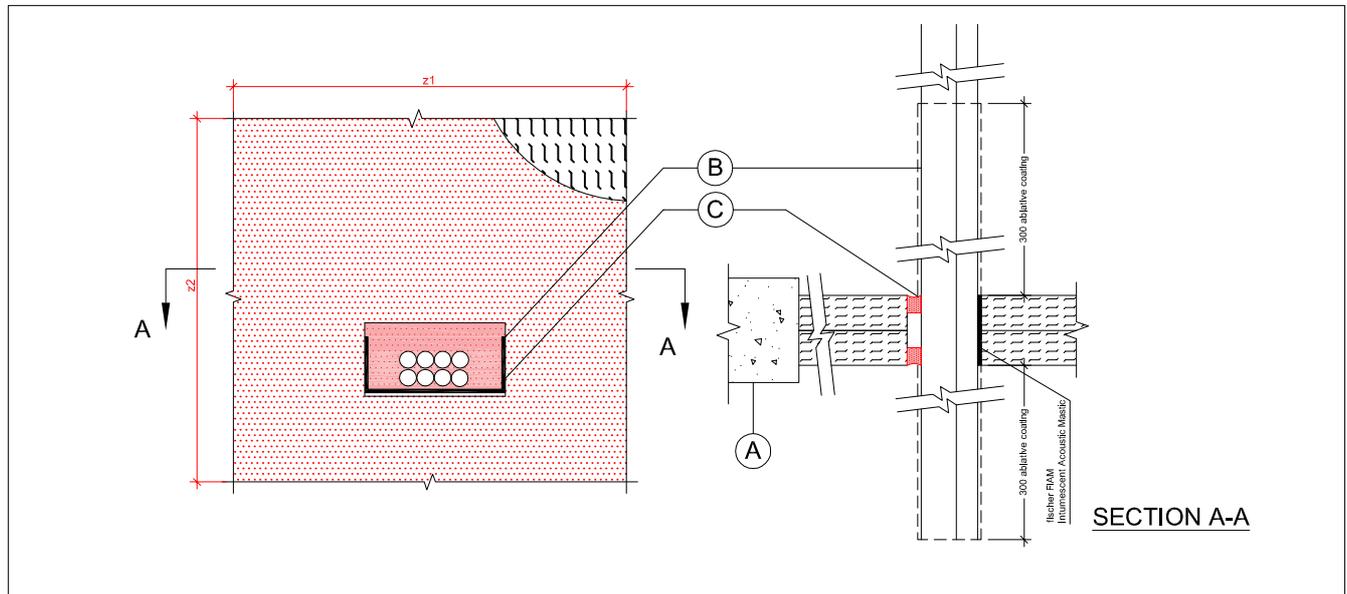
Up to 1hr



Rw (C;Ctr)=52(-1;-6)
(EN 10140-2)



600PA
(EN 1026:2000)



fischer FiGM Intumescent Graphite Mastic Sealent Penetration Seals. Min 150mm thick Flexible or Rigid Wall [A]					
Type of penetration [B]	Diameter	fischer FCPS Coated Panel System	Seal installed on both sides [x=depth 'y=annulus] [C]	Integrity (in minutes)	Insulation (in minutes)
Cable or cable tray	500 mm perforated cable tray	Double layer of 50 mm fischer FCPS Coated Panel System max 1100 mm high [z1] x 750 mm wide [z2]	20 mm annulus [y] 25 mm depth [x]	60	60
	Electrical cables up to 21 mm Ø				
	1 of 'C1' Cable				
	1 of 'C2' Cable				
	1 of 'C3' Cable				

The instructions and information within this document have been produced with the greatest possible care. However, any liability of fischerwerke GmbH & Co. KG for any errors in this document and for the consequences of such is excluded. Likewise, any liability of fischerwerke GmbH & Co. KG for direct or consequential damages arising in connection with the use of the stated products is excluded. All applications of the stated products have always to comply with the related approvals and installation instructions as well as applicable regulations of the relevant authorities at site.



fischerwerke GmbH & Co. KG Klaus-Fischer-Straße 1, 72178 Waldachtal Germany
Phone: (0049) 7443 12-12-0 / Fax: (0049) 7443 12-4222 / E-mail info@fischer.de

180503-CFD-06-ETA-C-5-2-1

Issue 01