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Promat Australia Pty. Ltd.

SYSTEM CERTIFICATE*

This is to certify that

PROMAT Fire Collars and Sealant

have been tested/approved in accordance with "Australian Standard 1530: Part 4
Methods for fire tests on building materials, components and structures"
protecting service penetrations through 75mm Reinforced AAC Panels

(Refer to reports: A-15-1011, A-13-816, A-15-951, A-14-879a, A-12-763, A-12-761, A-16-030, A-17-042D, A-17-035, A-19-026)

Service	Protection	Installation	Report	FRL
16mm PEX/AL/PEX	Double PROMASEAL CFC32, PROMASEAL Graf4T	Collars central in the wall	A-14-879a	-/180/120
20mm PEX/AL/PEX	Double PROMASEAL CFC32, PROMASEAL Graf4T	Collars central in the wall	A-12-763	-/120/120
20mm PEX/AL/PEX	PROMASEAL CFC32, PROMASEAL Graf4T	Collar each side of the wall	A-12-763	-/120/120
25mm PEX/AL/PEX	Double PROMASEAL CFC32	Collars central in the wall	A-15-951	-/180/60
32mm PEX/AL/PEX	Double PROMASEAL CFC32	Collars central in the wall	A-15-951	-/180/60

Service	Protection	Installation	Report	FRL
16mm PEX	Double PROMASEAL CFC32, PROMASEAL Graf4T	Collars central in the wall	A-14-879a	-/180/120
20mm PEX	Double PROMASEAL CFC32, PROMASEAL Graf4T	Collars central in the wall	A-13-816	-/180/120
20mm PEX	PROMASEAL CFC32, PROMASEAL Graf4T	Collar each side of the wall	A-12-763	-/120/90
25mm PEX	Double PROMASEAL CFC32, PROMASEAL Graf4T	Collars flush with one side of the wall	A-12-763	-/120/90
25mm PEX	Double PROMASEAL CFC32, PROMASEAL Graf4T	Collars central in the wall	A-13-816	-/180/90
25mm PEX	PROMASEAL CFC32, PROMASEAL Graf4T	Collar each side of the wall	A-12-763	-/120/90
32mm PEX	Double PROMASEAL CFC32, PROMASEAL Graf4T	Collars central in the wall	A-14-879a	-/180/180

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Service	Protection	Installation	Report	FRL
40mm uPVC	PROMASEAL FC40	Retrofit both sides of wall	A-14-879a	-/180/120
40mm uPVC	PROMASEAL FCW40	Collar flush with one side of the wall	A-14-879a	-/180/90
50mm uPVC	PROMASEAL FCW50	Collar central in the wall	A-13-816	-/180/120
65mm uPVC	PROMASEAL FCW65, PROMASEAL IBS Foam, PROMASEAL A Acrylic Sealant	Collar central in the wall	A-15-1011	-/180/180
100mm uPVC	PROMASEAL FCW100	Collar central in the wall	A-13-816	-/180/120
100mm uPVC	PROMASEAL FCW100	Collar flush with one side of the wall	A-14-879a	-/180/90
100mm uPVC	PROMASEAL FC100	Retrofit both sides of wall	A-14-879a	-/180/180
100mm uPVC	PROMASTOP UniCollar	Retrofit both sides of wall	A-14-879a	-/180/120
56mm HDPE	PROMASEAL FCW50, PROMASEAL IBS Foam, PROMASEAL A Acrylic Sealant	Collar central in the wall	A-15-1011	-/180/180
110mm HDPE	PROMASEAL FCW100	Collar central in the wall	A-15-951	-/180/90
110mm HDPE	PROMASEAL FC100	Retrofit both sides of wall	A-15-1011	-/180/120
110mm HDPE	PROMASEAL FCW100, PROMASEAL IBS Foam, PROMASEAL A Acrylic Sealant	Collar central in the wall	A-15-1011	-/180/180
110mm Valsir Triplus	PROMASEAL FC100	Retrofit both sides of wall	A-19-026	-/90/90

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Service	Protection	Installation	Report	FRL
19mm Copper with lagged with19mm FR Armaflex	PROMASEAL FlexiWrap	FlexiWrap through the wall and extending 75mm each side	A-13-816	-/180/120
19mm Copper	25mm thick FR Armaflex and PROMASEAL A Acrylic Sealant	FR Armaflex 400mm each side of the wall	A-15-951	-/180/120
32mm Copper	PROMASEAL SupaWrap and PROMASEAL A Acrylic Sealant	SupaWrap 250mm each side and passing through the wall	A-17-035	-/90/90
50mm Copper	PROMASEAL FlexiWrap	Flexiwrap through the wall and extending 75mm each side	A-19-026	-/90/90
50mm Copper	25mm FR thick Armaflex and PROMASEAL A Acrylic Sealant	FR Armaflex 400mm each side of the wall	A-15-951	-/180/90

Service	Protection	Installation	Report	FRL
75mm Steel pipe	PROMASEAL Pillows, Wire Mesh	Oversized hole	A-16-030	-/120/120
75mm Steel pipe	PROMASEAL A Acrylic Sealant, Wire Mesh	Sealant in 20mm annular gap and 50mm cone	A-16-030	-/120/120
48mm Steel pipe	PROMASEAL SupaWrap, PROMASEAL A Acrylic Sealant	Sealant in 6mm annular gap and 300mm SupaWrap each side	A-19-026	-/90/90

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Service	Protection	Installation	Report	FRL
12 x CAT 7 cables	PROMASEAL A Acrylic Sealant	40mm diameter hole, 40mm cone each side of the wall	A-13-816	-/180/180
10 x 2.5mm electrical cables	PROMASEAL A Acrylic Sealant	40mm diameter hole, 25mm cone each side of the wall	A-17-035	-/90/60
One 2.5mm^2 core electrical cables	PROMASEAL A Acrylic Sealant	15mm diameter hole, 25mm cone each side of the wall	A-19-026	-/90/90
60mm bunch 2.5mm^2 core electrical cables	PROMASEAL A Acrylic Sealant	60mm diameter hole, 50mm cone each side of the wall	A-19-026	-/90/90
P23 uPVC electrical conduit with fibre optic cables	Double PROMASEAL CFC32	Collars central in the wall	A-15-1011	-/180/180

Service	Protection	Installation	Report	FRL
Pair Coil (1/4-1/2) with polyethylene lagging (10mm) & 3-phase electrical cable	PROMASEAL AG Intumescent Sealant	Thickened with 13mm FR plasterboard both sides of the wall, PROMASEAL AG 13mm deep in 70mm diameter hole	A-17-042D	-/120/60
Pair Coil (1/4-1/2) with FR lagging (13mm) & 3-phase electrical cable	PROMASEAL AG Intumescent Sealant	No wall thickening, PROMASEAL AG 13mm deep in 70mm diameter hole	A-17-042D	-/120/90
Pair Coil (1/4-1/2) with FR lagging (13mm) & 3-phase electrical cable	PROMASEAL AG Intumescent Sealant	Thickened with 13mm FR plasterboard both sides of the wall, PROMASEAL AG 13mm deep in 70mm diameter hole	A-17-042D	-/120/120
Pair Coil (1/4-5/8) with FR lagging (19mm) & 3-phase electrical cable	PROMASEAL AG Intumescent Sealant	No wall thickening, PROMASEAL AG 13mm deep in 90mm diameter hole	A-17-035	-/90/60

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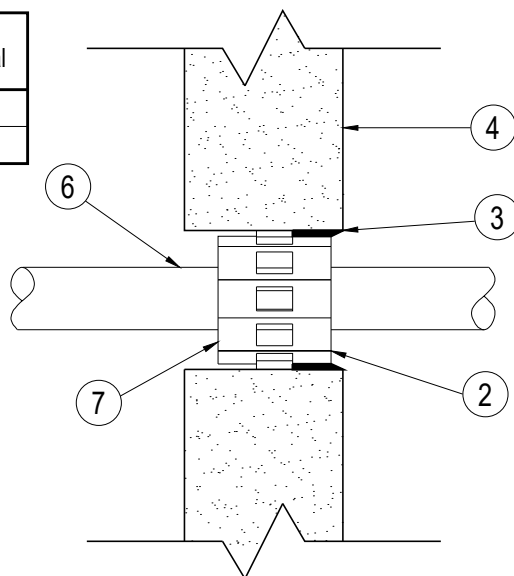
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SYSTEM : PROMASEAL® Conduit Collars through AAC / Hebel Wall Systems

NUMBER : 64a

Pipe	Size	FRL	Approval
upvc	20mm	-/180/180	A-12-761
upvc	25mm	-/120/120	A-12-761

FRL :
up to -/180/180

Report / Opinion :
A-12-761
A-12-763
A-13-816
A-14-879
A-15-951

System thickness (mm)
75

System Mass (Kg/m²)
n/a

Pipe	Size	FRL	Approval
PEX-a	16mm	-/180/120	A-14-879
PEX-a	20mm	-/180/120	A-13-816
PEX-a	25mm	-/180/90	A-13-816
PEX-a	32mm	-/180/180	A-14-879
PEX/Al/PE	16mm	-/180/120	A-14-879
K1 (Pex/AL/Pex)	20mm	-/120/120	A-12-763
PEX/Al/PE	25mm	-/180/60	A-15-951
PEX/Al/PE	32mm	-/180/60	A-15-951
NBN Conduit	27mm	-/180/60	A-15-1011

A double PROMASEAL® CFC 32 is made by attaching 2 x PROMASEAL® CFC 32 together using the straps made from the original mounting brackets with the legs flattened out. The bracket is clipped on to the first as per normal and the flattened legs then are screw fixed to the second collar using 16mm long x 8g button head screws. 15mm of separation is required between each collar.
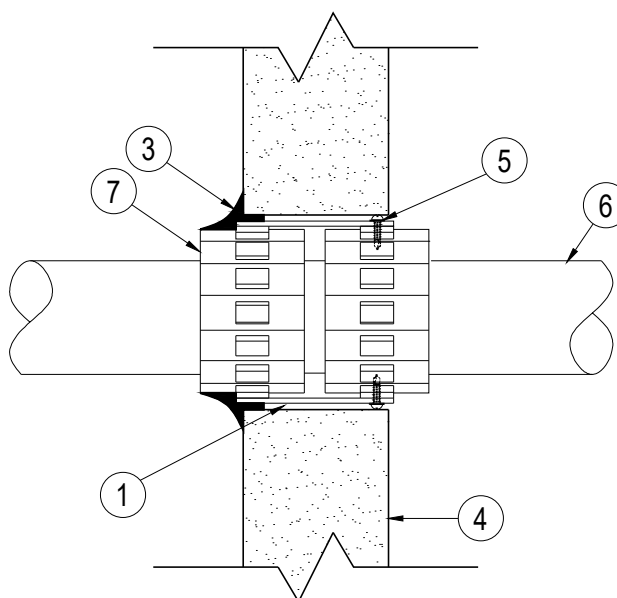
BENEFITS :

- Installation from one side for protection from either way
- Various pipe types and sizes

LIMITATIONS :

- This installation method is limited to these sizes and types of pipe. As well as this type of wall system

NO.	DESCRIPTION	SIZE
1	PROMASEAL® Conduit Collar (Double)	32mm dia
2	PROMASEAL® Conduit Collar (Single)	32mm dia
3	PROMASEAL® A Acrylic Sealant	-
4	AAC / Hebel Panel	min 75mm Thick
5	Button Screw	16mm long
6	Plastic Pipe (See table for sizes and types allowable)	-
7	PROMASEAL® Grafitex Paste to fill gap between pipe and collar	10mm thick

DESCRIPTION :

PROMASEAL® Conduit Collars. Protection of various type and size of plastic pipe through AAC / Hebel panels

Note : **Structural stability for building elements refer to structural engineer**

For more information please contact Promat Australia - 1800 PROMAT

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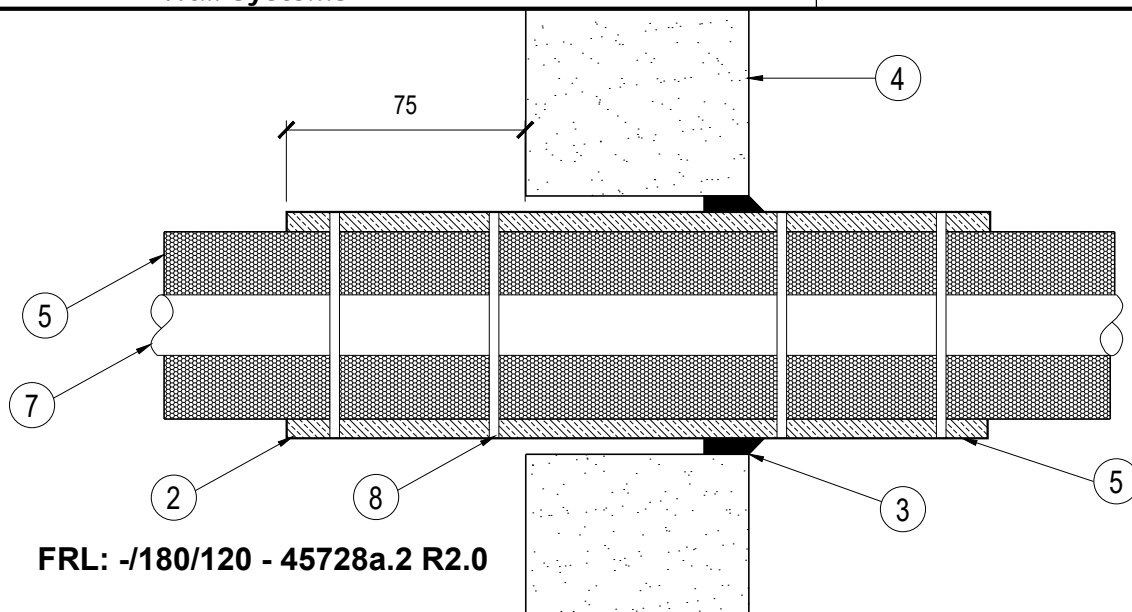
Release Date :
27/02/2020

Prepared by :
PB

Signed :
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* *This document should be read in conjunction with the referenced test or assessment reports*

SYSTEM :	Various PROMASEAL® products in Hebel Wall Systems	NUMBER : 64b

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FRL :
up to -/180/120

Report / Opinion :
A-13-816
FCO-2458
A-15-1011
45728a.2 R2.0

System thickness (mm)
75

System Mass (Kg/m²)
n/a

FRL: -/180/120 - 45728a.2 R2.0

75

Pipe	Size	FRL	Approval
uPVC	40mm*	-/180/90	A-14-879a
uPVC	50mm*	-/180/120	A-13-816
uPVC	100mm*	-/180/120	A-13-816
uPVC	65mm	-/180/180	A-15-1011
HDPE	50mm	-/180/180	A-15-1011
HDPE	100mm	-/180/180	A-15-1011
various services**	up to 100mm	-/120/120	FCO-2458

*One sided installation available for these sizes

**Services include cables, multiple plastic pipes, lagged copper and plastic pipes. Any gaps between services to be filled with PROMASEAL® Grafitex for a depth of 20mm*

PROMASEAL® A acrylic Sealant and IBS to cover the entire exposed section of the collar . No IBS required for 90 minute Insulation

BENEFITS :

- Various pipe types and sizes
- Up to 120mins insulation criteria
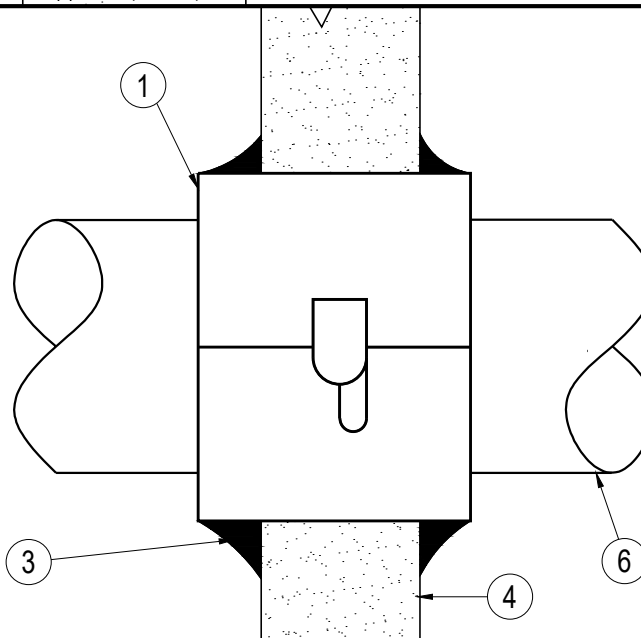
NO.	DESCRIPTION	SIZE
1	PROMASEAL® Wall Collar	40 to 100mm
2	PROMASEAL® FlexiWrap	225mm long
3	PROMASEAL® A Acrylic Sealant	-
4	AAC / Hebel Panel	min 75mm Thick
5	Armaflex Type Insulation	9 to 34mm thk
6	Plastic Pipe or Other Services (See table for sizes and types allowable)	-
7	Copper Pipe	19 to 100 mm dia
8	Plastic Cable ties	2 per side

LIMITATIONS :

- This installation method is limited to these sizes and types of pipe. As well as this type of wall system

DESCRIPTION :

PROMASEAL® Wall Collar and FlexiWrap. Protection of various type and size of plastic and insulated copper pipe through AAC / Hebel panels

Note : **Structural stability for building elements refer to structural engineer**

For more information please contact Promat Australia - 1800 PROMAT

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Release Date :
27/02/2020

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SYSTEM :	Various PROMASEAL® products in Hebel/AAC Wall Systems	NUMBER : 64c	

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PROMAT AUSTRALIA PTY. LTD.

250mm for PROMASEAL SupaWrap
400mm for FR Armaflex

PROMASEAL SupaWrap continues through wall. Armaflex Stops at each face

For Steel Pipe up to 48mm PROMASEAL SupaWrap 300mm long to each face of the wall FRL -/90/90 Report A-19-026

④

25

⑤

②

25

③

①

PROMASEAL SupaWrap FRL: -/90/90 up to 32mm pipe. Approval A-17-035
FR Armaflex FRL: -/180/90 up to 50mm pipe. Approval A-15-951

FRL :
up to -/180/180

Report / Opinion :
A-13-816
A-15-951
A-17-035
A-19-026

System thickness (mm)
75

System Mass (Kg/m²)
n/a

①

40

Max 60mm

Data Cables FRL: -/180/180 up to 40mm bundle. Approval A-13-816
Power Cables FRL: -/90/60 up to 30mm bundle Approval A-17-035
Power Cables FRL: -/90/90 up to 60mm bundle Approval A-19-026

④

40

⑥

BENEFITS :

- Various pipe types and sizes
- Various cable types
- Up to 180mins insulation criteria

NO.	DESCRIPTION	SIZE
①	PROMASEAL® A Acrylic Sealant	
②	PROMASEAL® SupaWrap or FR Armaflex	To suit Pipe Size
③	Stainless Steel Cable Tie (Not required for FR Armaflex)	1 per side
④	Hebel /AAC Panel	min 75mm Thick
⑤	Copper Pipe	up to 50mm dia
⑥	Bunch of Data / Power Cables	40mm / 30mm dia

LIMITATIONS :

- This installation method is limited to these sizes and types of services. As well as this type of wall system

DESCRIPTION :

PROMASEAL® A Acrylic Sealant and SupaWrap for protection of cable bunches and copper pipe through Hebel/AAC panels

Note : Structural stability for building elements refer to structural engineer

For more information please contact Promat Australia - 1800 PROMAT

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Release Date :
06/09/2019

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SYSTEM :	Various PROMASEAL® products in AAC / Hebel Wall Systems	NUMBER : 64d

Pipe	Size	FRL	Approval
uPVC	40mm	-/180/120	A-14-879a
uPVC	100mm	-/180/180	A-14-879a
HDPE	100mm	-/180/120	A-15-1011
Triplus	100mm	-/90/90	A-19-026

FRL :
up to -/180/120
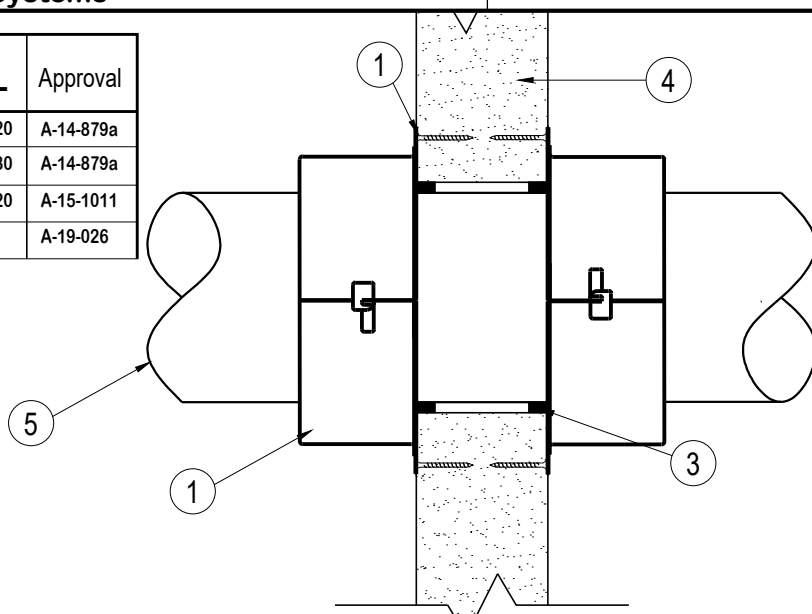
Report / Opinion :
A-14-879a
A-15-1001
A-19-026

System thickness (mm)
75

Pipe	Size	FRL	Approval
uPVC	100mm	-/180/120	A-14-879a

System Mass (Kg/m²)
n/a

BENEFITS :

- Various pipe types and sizes
- Up to 120mins insulation criteria
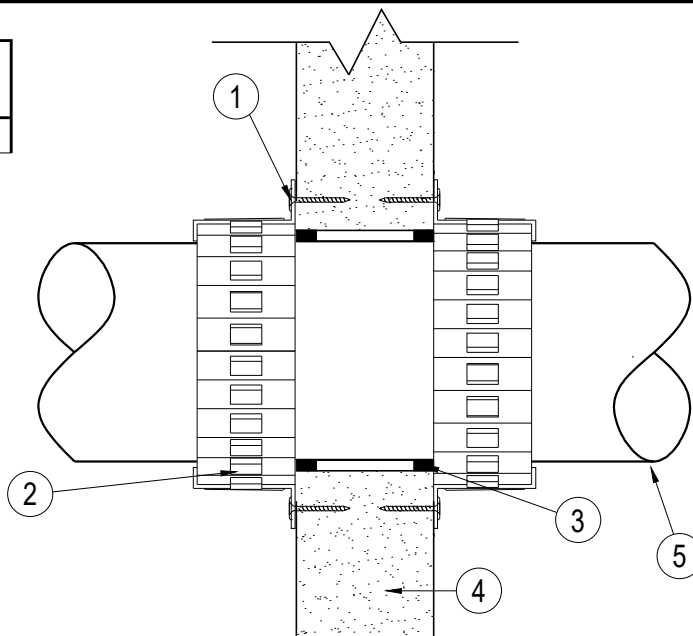
NO.	DESCRIPTION	SIZE
1	PROMASEAL® Retrofit Collar (FC)	40 and 100mm
2	PROMASTOP® UniCollar	100mm
3	PROMASEAL® A Acrylic Sealant	-
4	AAC / Hebel Panel	min 75mm Thick
5	Plastic Pipe (See table for sizes and types allowable)	-
6	Bugle Head - Type 17 Screw	14 guage x 75mm

LIMITATIONS :

- This installation method is limited to these sizes and types of pipe. As well as this type of wall system

DESCRIPTION :

PROMASEAL® Retrofit (FC) Collar and PROMASTOP® UniCollar. Protection of various type and size of plastic pipe through AAC/Hebel panels

Note : **Structural stability for building elements refer to structural engineer**

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