



## **List of Deemed to Comply Products for Pipeline Rehabilitation**

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## Revision details

Version No.	Clause	Description of revision
11	4	Updated format to current template Added new patch lining product
10		Amending an installer name for a spirally wounded lining system Renaming of the coating systems
9		Document title and template Adding flexible slip lining product category Updating installers, suppliers, and product listings

## Introduction

This Specification is a list of deemed to comply products for rehabilitation for Sydney Water network pipelines.

Sydney Water makes no warranties, express or implied, that compliance with the contents of this Specification shall be sufficient to ensure safe systems or work or operation.

It is the user's sole responsibility to ensure that the copy of the Specification is the current version as in use by Sydney Water.

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# 1. General

This specification lists pipeline rehabilitation products and systems that are deemed to comply with our minimum technical requirements for general use in our networks. This specification must be read in conjunction with relevant Sydney Water standards and any project specific contract documentation.

Designers and Constructors must use listed deemed to comply products when rehabilitating our water and wastewater pipelines. Alternative products that offer equal or better performance may be used subject to approval by Sydney Water.

It is the Designer's responsibility to undertake all the necessary investigation and design work to ensure the nominated product is fit for purpose for their intended application.

## 2. Cured in Place Pipe (CIPP) lining system for non-pressure pipelines

Product Name	Installer	File Name	Date	Condition of use
Enviroliner	Abergeldie Watertech	SewerFix 2005	Feb 2005	DN 100–DN 1200
EX Liner	Abergeldie Watertech	SewerFix 2005	Feb 2005	DN 100–DN 450
Instituform CIPP	Insituform	SRP 2009-12	Sep 2009	DN 150–DN 1200
Interline	Interflow	2009/08401F	Nov 2011	DN 375–DN 1200
iPlus Composite	Insituform	SRP 2009-12	Sep 2009	DN 600–DN 1200
iPlus Infusion	Insituform	SRP 2009-12	Sep 2009	DN 150–DN 300
Berolina CIPP	Downer PipeTech	2016/00006500	Feb 2017	DN 150–DN 1500
Brandenburger 2.5	Monadelphous	2017/00004103	June 2018	DN 150–DN 1200

### 3. Spirally wound lining system for non-pressure pipelines

Product Name	Installer	File Name	Date	Condition of use
DiaFit	Abergeldie Watertech	2009/08398F	May 2014	R8 ≤DN 525 R7 DN 300–DN 600
SRP	Abergeldie Watertech	2009/08398F	Sep 2017	E9-085-6PVC DN 450 E14-085-6PVC DN 300- 600
Expanda Pipe	Interflow	2011/06197F	Nov 2011	56Ex DN150 85LEx DN 225-DN 300 85LEx DN 225-DN 300 85Ex DN 225-DN 300 126Ex DN 375-DN 600 126Ex15 DN 375-DN 600 126Ex20 DN 525-DN 750 126Ex30 DN 750-DN1050
NCL	Interflow	2013/00005750	Aug 2014	56NCL/7 DN 150-DN 225 85NCL/8 DN 240-DN 300 126NCL/15 DN 300-DN 600 126NCL/20 DN 375-DN 825 126NCL/30 DN 450 & 1050
Panel-lok	Monadelphous	SewerFix 2005	Feb 2005	DN 750-DN 3000
Ribline	Interflow	SewerFix 2005	Feb 2005	DN ≤ 2400
Rotaloc	Interflow	SewerFix 2005	Feb 2005	DN 825-DN 1800
Rotaloc (bending)	Interflow	2010/16737F	Nov 2011	DN 825-DN 1800
Rotaloc (steel)	Interflow	2009/0840F	Dec 2017	DN 800-DN 1800
SWP SL	Abergeldie Watertech	2013/00005748	July 2013	R6 DN 750-DN 1500

## 4. Patch lining system for non-pressure pipelines

Product Name	Installer	File Name	Date	Condition of use
Epros patch	Instituform	SRP 2009-12	Sep 2009	-
Interpatch	Interflow	2011/06198F	Oct 2011	-
Ka-Te Robotic	Downer PipeTech	SewerFix 2005	Feb 2005	-
Permapatch	WIG	SewerFix 2005	Feb 2005	-
Pointliner	Downer PipeTech	SewerFix 2005	Feb 2005	-
Tiger patch	Abergeldie Watertech	SewerFix 2005	Feb 2005	-
Smart Lock	Installers certified by Smart Lock Pty Ltd	SewerFix 2005	Nov 2022	DN100 – DN750

## 5. Lateral lining system for non-pressure pipelines

Product Name	Installer	File Name	Date	Condition of use
Enviromini	Abergeldie Watertech	SewerFix 2005	Feb 2005	-
Interflex	Interflow	2011/06199F	Oct 2011	-
Sideliner	Monadelphous	SewerFix 2005	Feb 2005	-

## 6. Lateral Junction sealing system for non-pressure pipelines

Product Name	Installer	File Name	Date	Condition of use
Epros LCR	Instituform	SRP 2009-12	Sep 2009	-
Interfit	Interflow	2011/06200F	Feb 2016	-
Tiger T	Abergeldie Watertech	SewerFix 2005	Feb 2005	-
Top Hat / Ka/Te	Downer PipeTech	SewerFix 2005	Feb 2005	-

## 7. Calcium Aluminate Cement (CAC) coating for person-entry non-pressure pipelines and structures

Product Name	Supplier	File Name	Date	Condition of use
MasterEmaco S880	BASF	2010/14523F	Dec 2010	-
Sewpercoat DS40, DS25, PG25	Kerneos	2007/23634F	Dec 2010	-
Fosroc Renderoc Dry Spray (4mm), Dry Spray (2.5mm), Wet Spray	Parchem	2011/06201F	Oct 2012	-
Aluminaliner Plus	Quadex	2012/00001459	Feb 2016	-
Extrama-Dur S1 & S3	Bisley	2018/00002475	July 2018	-

## 8. Polymeric coating system for person-entry non-pressure pipelines and structures

Product Name	Supplier	File Name	Date	Condition of use
Primer: Ultracoat (P-301) Mortar: Ultracoat (S-301) Topcoat: Ultracoat (S-301 or T-301)	JDP Applications	2010/14524F	Oct 2010	Primer optional Minimum total (mortar + topcoat) DFT* 6mm
Primer: Sikadur 32 or Sikadur 31 Mortar: Sikadur 41 or Sikadur 31 Topcoat: Sikagard 63N	Sika	2010/14523F	Oct 2010	Primer optional Minimum mortar DFT: 15 mm Minimum topcoat DFT: 400 microns (2 layers of 200 microns)

## 9. Flexible slip lining system for pressure pipelines

Product Name	Installer	File Name	Date	Condition of use
Primus Line	Civil Projects	2017/0000873	Jan 2018	DN 150-DN 500



# Ownership

## Ownership

Role	Title
<b>Group</b>	Asset Lifecycle, Engineering and Technical Support
<b>Owner</b>	Norbert Schaeper, Engineering Manager
<b>Author</b>	Amer Mohammed, Senior Engineer

## Change history

Version No.	Prepared by	Date	Approved by	Issue date
1		17/01/2011	Janssen Chan	17/01/2011
11		17/11/2011	Janssen Chan	17/11/2011
3		20/12/2011	Janssen Chan	20/12/2011
4		19/12/2012	Peter Gillman	19/12/2012
5		22/07/2013	Peter Gillman	22/07/2013
6		18/08/2014	Peter Gillman	18/08/2014
7		5/08/2015	Ken Wiggins	5/08/2015
8		11/02/2016	Ken Wiggins	11/02/2016
9		17/07/2018	Ken Wiggins	17/07/2018
10	Jerry Sunarho	15/07/2019	Norbert Schaeper	15/07/2019
11	Amer Mohammed	11/11/2022	Norbert Schaeper	11/11/2022