



Pipemakers Australia Pty Ltd

PRODUCT APPRAISAL REPORT PA 2020 ISSUE 3

PVC-M Pressure Pipes

AS/NZS 4765:2017 Modified PVC (PVC-M) pipes for pressure applications

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Overview of WSAA

The Water Services Association of Australia (WSAA) is the peak industry body representing the urban water industry. Our members provide water and sewerage services to over 20 million customers in Australia and New Zealand and many of Australia's largest industrial and commercial enterprises.

Based around our vision of 'customer driven, enriching life', WSAA facilitates collaboration, knowledge sharing, networking and cooperation within the urban water industry. We are proud of the collegiate attitude of our members which has led to industry-wide approaches to national water issues.

WSAA can demonstrate success in the standardisation of industry performance monitoring and benchmarking, as well as many research outcomes of national significance. The WSAA Executive retains strong links with policy makers and legislative bodies and their influencers, to monitor emerging issues of importance to the urban water industry.

WSAA was formed in 1995 as a non-profit organisation to foster the exchange of information between industry, government and the community, and to promote sustainable water resource management.

The urban water industry is committed to anchoring its services to customers' values, and to enrich communities where water services have broad economic, environmental and social values. In line with this our main activities focus on four areas:

1. influencing national and state policies on the provision of urban water services and sustainable water resource management
2. promoting debate on environmentally sustainable development and management of water resources and the community health requirements of public water supplies
3. improving industry performance and establishing benchmarks and industry leading practices for water service processes; and
4. fostering the exchange of information on education, training, research, water and wastewater management and treatment and other matters of common interest.

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1 EXECUTIVE SUMMARY

Pipemakers Australia Pty Ltd is an Australian company established in Queensland in 1990 to manufacture PVC piping. The company maintains PVC manufacturing facilities in Acacia Ridge in Queensland and Deer Park in Victoria and operates a national distribution network within Australia.

This Appraisal is for a range of Enviromain plain wall PVC-M Series 1 and Series 2 (Ductile Iron OD) pipes suitable for water supply and pressure sewer applications manufactured to AS/NZS 4765:2017 *Modified PVC (PVC-M) pipes for pressure applications*.

This Issue 3 is a replacement for the previous version of the appraisal which had reached its 5-year expiry date.

Series 1 PVC-M pipes are available with either solvent weld joints or rubber ring joints in sizes from DN 100 to DN 575 with pressure classifications of PN6, PN9 or PN12.

Series 2 PVC-M pipes have rubber ring joints and are available in sizes DN 100 to DN 450 with pressure classifications of PN12, PN16, PN18 or PN20.

Pipes are generally supplied in 6m lengths although other lengths are available for some sizes and pressure classifications.

Colours for Series 2 pipe are blue for drinking water, lilac for non-drinking water and cream for pressure sewer applications. Colours for Series 1 pipe are white for drinking water, lilac for non-drinking water and cream for pressure sewer applications.

Pipemakers holds an ISO 9001:2015 Quality Management System Licence.

Pipemakers Enviromain Series 1 and Series 2 PVC-M pipes have ISO Type 5 ApprovalMark product certification to AS/NZS 4765:2017 *Modified PVC (PVC-M) pipes for pressure applications*.

This Appraisal has determined that Pipemakers Enviromain Series 1 and Series 2 PVC-M pipes, as detailed in this report, meet the requirements of WSA PS-209 *Polyvinylchloride Modified (PVC-M) Pressure Pipes for Pressure Applications – Drinking Water, Non-Drinking Water Supply and Sewerage* and are considered as 'fit-for-purpose'.

1.1 Recommendations

It is recommended that WSAA members, subject to any specific requirements of the member, accept or authorise Enviromain Series 1 and Series 2 PVC-M pressure pipes, as detailed in this report, for use in water supply and pressure sewer networks provided pipeline design, installation, acceptance testing and commissioning are in accordance with relevant WSAA Codes and the manufacturer's requirements.

2 THE APPLICANT

The Applicant is Pipemakers Australia Pty Ltd.

2.1 The Manufacturer/Supplier

Pipemakers Australia Pty Ltd is an Australian company established in Queensland in 1990 to manufacture PVC piping. PVC pipes are manufactured at Acacia Ridge Queensland and Deer Park in Victoria. Pipemakers operates a national distribution network within Australia.

Pipemakers manufactures its range of thermoplastic pipes using the latest European PVC pipe manufacturing technology and equipment and has further capacity to grow and expand its product range.

Pipemakers Australia became a Pty Ltd company in January 2008 but is still managed by the Kanji group, which has extensive operations across many industries throughout Australia and Asia.

3 THE PRODUCT

This Appraisal is for a range of Enviromain plain wall PVC-M Series 1 and Series 2 (Ductile Iron OD) pipes suitable for water supply and pressure sewer applications manufactured to AS/NZS 4765:2017 *Modified PVC (PVC-M) pipes for pressure applications*.

The Series 1 PVC-M pipes are available with either solvent weld joints or rubber ring joints in sizes DN 100, DN 125, DN 150, DN 175, DN 200, DN 225, DN 250, DN 300, DN 375, DN 450 and DN 575 with pressure classifications of PN6, PN9 or PN12.

The Series 2 PVC-M pipes have rubber ring joints and are available in sizes DN 100, DN 150, DN 200, DN 225, DN 250, DN 300, DN 375 and DN 450 with pressure classifications of PN12, PN16, PN18 or PN20.

TABLE 1 ENVIROMAIN PVC-M SERIES 1 SWJ AND RRJ PIPES

DN	OD mm	PN6	PN9	PN12
100	114	✓	✓	✓
125	140	SWJ only	✓	✓
150	160	✓	✓	✓
175	200	SWJ only	SWJ only	SWJ only
200	225	✓	✓	✓
225	250	✓	✓	✓
250	280	✓	✓	✓
300	315	✓	✓	✓
375	400	✓	✓	✓
450	500	✓	✓	✓
575	630	✓	✓	✓

TABLE 2 ENVIROMAIN PVC-M SERIES 2 (DIOD) RRJ PIPES

DN	OD mm	12	16	18	20
100	122	✓	✓	✓	✓
150	177	✓	✓	✓	✓
200	232	✓	✓	✓	✓
225	259	✓	✓	✓	✓
250	286	✓	✓	✓	✓
300	345	✓	✓	✓	✓
375	426	✓	✓	✓	✓
450	507	✓	✓	✓	✓

Pipes are generally supplied in 6m lengths although other lengths are available for some sizes.

Colours for Series 2 pipe are blue for drinking water, lilac for non-drinking water and cream for pressure sewer applications. Colours for Series 1 pipe are white for drinking water, lilac for non-drinking water and cream for pressure sewer applications.

The outside diameter of the Series 2 Enviromain pipes align with AS/NZS 2280 ductile iron pipe outside diameters and are suitable for use with standard ductile iron fittings.

PVC-M provides enhanced mechanical properties when compared to PVC-U, especially for its toughness. The use of a material with enhanced mechanical properties legitimately allows a design factor of 1.4 to be adopted, as opposed to a design factor of 2.1 for PVC-U pipes. This allows more efficient use of the material with reduced wall thicknesses for PVC-M pipes compared to PVC-U pipes for equivalent pressure ratings.

Pipemakers utilises SBR or EPDM elastomeric seals for their Enviromain PVC-M pipes that are pre-installed in the pipe sockets.

4 SCOPE OF THE APPRAISAL

The scope of this appraisal includes PVC-M Series 1 pipes with solvent weld joint (SWJ) or rubber ring joint (RRJ) and PVC-M Series 2 pipes with rubber ring joints (RRJ), as detailed in Tables 1 and 2 and included in the ISO Type 5 ApprovalMark Product Certification product schedules included in Appendix B.

5 APPRAISAL CRITERIA

5.1 Quality Assurance Requirements

Product Appraisal Technical Advisory Group accepts PVC-M pipes manufactured in compliance with AS/NZS 4765:2017 *Modified PVC (PVC-M) pipes for pressure applications* and duly certified by means of an ISO Type 5 product certification scheme undertaken by a JAS-ANZ accredited Conformity Assessment Body (CAB) or by an international accreditation system recognised by JAS-ANZ.

The manufacturer is generally expected to have a production management and control system that has been duly accredited in accordance with AS/NZS ISO 9001 as a prerequisite to undergoing a product certification audit.

The ISO Type 5 Product Certification Scheme shall meet the criteria described in WSA TN-08.

5.2 Performance Requirements

Enviromain PVC-M pressure pipes have been appraised for compliance with AS/NZS 4765:2017 *Modified PVC (PVC-M) pipes for pressure applications*.

Appraisal criteria are also determined by the WSAA Product Appraisal Technical Advisory Group and regularly reviewed to ensure that the criteria reflect the requirements of WSAA members.

The following Product Specification is relevant to this application:

WSA PS-209 *Polyvinylchloride Modified (PVC-M) Pressure Pipes for Pressure Applications – Drinking Water, Non-Drinking Water Supply and Sewerage*.

A copy of the Product Specification is available at the following link:

<https://wsaa.asn.au/Web/web/shop/ShopSearch.aspx?category=PRODSPECS>

5.3 COMPLIANCE WITH APPRAISAL CRITERIA

5.3.1 Compliance with Quality Assurance Requirements

Pipemakers has submitted the following quality certificates:

- ISO 9001:2015 Certificate of Registration No. AMI-QM 78034 issued to Pipemakers Australia Pty Ltd by ApprovalMark International.
- AS/NZS 4765:2017 ApprovalMark ISO Type 5 Product Certification Licence No. AMI 74555 issued to Pipemakers Australia Pty Ltd (Deer Park) by ApprovalMark International.

- AS/NZS 4765:2017 ApprovalMark ISO Type 5 Product Certification Licence No. AMI 21378 issued to Pipemakers Australia Pty Ltd (Acacia Ridge) by ApprovalMark International.
- AS/NZS 4765:2017 ApprovalMark Best Environmental Practice Certificate No. BEP-PVC 542 issued to Pipemakers Pty Ltd (Deer Park) by ApprovalMark International.
- AS/NZS 4765:2017 ApprovalMark Best Environmental Practice Certificate No. BEP-PVC 4110 issued to Pipemakers Pty Ltd (Acacia Ridge) by ApprovalMark International.

Copies of the Quality Assurance and Product Certification licences have been included in Appendix B and are also available from WSAA.

5.3.2 Compliance with Performance Requirements

5.3.3 Type tests - pipes

Type tests were completed in accordance with AS/NZS 4765 for previous versions of this report and are not required to be retested unless there is a change in material formulation.

The tests include material composition, vinyl chloride monomer test, softening temperature, long term hydrostatic strength, long term toughness and resistance of notched pipe to internal pressure.

5.3.4 Type tests - elastomeric seal joints

Type tests were completed in accordance with AS/NZS 4765 for previous versions of this report and are not required to be retested unless there is a change in design.

The tests conducted were leak tightness – positive pressure short term, leak tightness – negative pressure short term, leak tightness – long term pressure and end-load bearing joints – pressure and bending.

5.3.5 Seals

Enviromain PVC-M pipes utilise either SBR seals manufactured from 2410S or 2512S compounds sourced from Gulf Rubber or EPDM Turner Series seals manufactured from HT 5567-3 compound sourced from Hultec/Terramix.

Both Gulf Rubber and Hultec have ISO Type 5 Product Certification licences to cover manufacture of the seals to AS 1646/EN 681.1. Copies of the licences are held on file by WSAA.

The seals are factory fitted into the socket however Pipemakers recommends that the seal be removed for cleaning prior to joint assembly.

5.3.6 Pipe joint deflection

Pipemakers recommends a maximum pipe deflection of 1.5 degrees for Series 2 rubber ring joints. Maximum deflection is not nominated for Series 1 rubber ring joints.

5.3.7 Contact with drinking water

Pipemakers has submitted a test report from Standard Laboratory (SAMM Accreditation No. 786) dated 25th July 2025 to demonstrate conformance of a DN 100 PVC-M pipe with AS/NZS 4020:2018.

WSAA maintains file copies of AS/NZS 4020 test reports for the rubber compounds utilised in the manufacture of the seals.

The lubricant supplied by Pipemakers is manufactured by Thomas Grozier & Sons. The product has WaterMark Certification No. WMKA00103 to WMTS 014:2016 *Jointing materials* which mandatorily requires compliance with AS/NZS 4020.

6 FITTING INSTRUCTIONS, TRAINING AND INSTALLATION

PVC-M pressure pipe has been a commonly used product in the urban water industry for many years and most experienced pipe layers have a good understanding of the installation requirements. Pipemakers do not provide any specific training for pipe layers.

- a) Drilling and tapping: Field research has shown conventional drilling and tapping equipment used for PVC-U can also be used on PVC-M.
- b) Allowable damage: The depth of external damage should be limited to 10% of the wall thickness up to a maximum of 0.5mm. This advice is consistent with WSA 03 *Water Supply Code for PVC* where it states that pipes scored deeper than 0.5mm are not to be used.
- c) External storage: Storage requirements for PVC-M are identical to PVC-U. If the total period of exposed storage outdoors is likely to exceed 12 months, pipes should be covered and stored in a manner that allows ventilation and prevents heat entrapment. Pipes may be stored in this manner indefinitely.

The installation, repair and maintenance procedures for PVC pipes are well documented in AS/NZS 2032 - *Installation of PVC pipe systems* and the WSAA Sewerage and Water Supply Codes of Australia (WSA 02 and WSA 03 respectively).

There are also a number of Registered Training Organisations (RTOs) who conduct suitable training courses based on AS/NZS 2032 and AS/NZS 2566.2. The Plastics Industry Pipe Association of Australia Limited (PIPA) have nominated the Flexitec course, which covers PVC pipe handling and installation, and is delivered nationally either directly by LeHunt and Associates or in conjunction with PARTEC (Qld, NT, NSW), Holmesglen TAFE (Vic), Chisholm TAFE (Vic) and Regency TAFE (SA). The Civil Contractors Federation have their own state-based RTOs and some of them conduct suitable PVC pipe training courses as well.

Installation, repair and maintenance procedures for PVC pipes are also specified in WSA 03 *Water Supply Code of Australia* and WSA 02 *Sewerage Code of Australia*.

7 PRODUCT MARKING

Enviromain PVC-M pipes are marked in accordance with requirements of AS/NZS 4795:2017 as follows:

- Manufacturers Name: Pipemakers
- Best Environmental Practice: BEP
- Product Name: Enviromain
- Nominal Size: e.g. 100
- Pressure Classification: e.g. PN16
- Pipe Series Number: S2
- Pipe Material: PVC-M
- Maximum allowable angle of joint deflection: MAX DEFL 1.5 DEGS
- The date of manufacture: e.g. 250120 (20th Jan 2025)
- The time of manufacture: e.g. 14:25
- Identification of the place of manufacture & machine number: e.g. Product Line L-5
- The standard number: AS/NZS 4765
- Licence Number: e.g. AMI 21378 or AMI 74555
- Certification: e.g. ISO TYPE 5

- Special Application information – e.g. RECYCLED WATER - DO NOT DRINK

Example: PIPEMAKERS BEP ENVIROMAIN S2 PVC-M 150MM PN 16 MAX DEFL 1.5 DEGS DATE L5 Q (ISO TYPE 5) AS/NZS 4765 L N-AMI 21378 TIME

8 PACKAGING AND TRANSPORTATION

Pipemakers packages the Enviromain product in accordance with AS/NZS 2032 guidelines. The method of packaging and transporting of these pipes is identical to the practices adopted for PVC-U.

The PVC-M pipe is packaged with scalloped timbers and plastic PET strapping, with timber spacers between rows to prevent socket deformation. Additional PET belly (gut) strapping is used for stability and safety during transport.

To prevent damage to sockets during transport socketed pipes are stacked in layers with sockets placed at alternate ends of the stack and protruding so that the sockets do not carry any load.

Customers are advised to inspect the pipe upon delivery for any movement or abrasion damage.



FIGURE 1 EXAMPLES OF PIPE PACKAGING

When quantities of less than a full pack are required, smaller timber packing is used or pipes are strapped to minimise damage.

Pipemakers take special care in the packaging and transportation of pipes to ensure they arrive at their destination in the same condition they left the factory. Most pipes are transported by road transport unless required otherwise by the purchaser and delivery is generally directly to site.

9 PRODUCT WARRANTY

The products are covered by the normal commercial and legal requirements of the *Competition and Consumer Act 2010 (Cth)*, which covers manufacture to the relevant standard, and details of Pipemaker's warranty is included in their terms and conditions of sale.

10 WATER AGENCY EXPERIENCE WITH THE PRODUCT OR FIELD-TESTING REPORT

Pipemakers has been manufacturing PVC-M pipe for many years.

Pipemakers range of pipe has been approved by many Australian water agencies including SA Water, Sydney Water, Greater Western Water, South East Water, Yarra Valley Water, Barwon Water, Water Corp WA and various other regional water agencies.

11 OUTCOMES OF EXPERT PANEL PRODUCT REVIEW

No issues were raised.

12 FUTURE WORKS

No future works have been identified.

13 DISCLAIMER

This Product Appraisal Report (Report) is issued by the Water Services Association of Australia Limited on the understanding that:

This Report applies to the product(s) as submitted. Any changes to the product(s) either minor or major shall void this Report.

To maintain the recommendations of this Report any such changes shall be detailed and notified to the Product Appraisal Manager for consideration and review of the Report and appropriate action. Appraisals and their recommendations will be the subject of continuous review dependent upon the satisfactory performance of products.

WSAA reserves the right to undertake random audits of product manufacture and installation. Where products fail to maintain appraised performance requirements the appraisal and its recommendations may be modified and reissued. Appraisal reports will be reviewed and reissued at regular intervals not exceeding five (5) years.

The following information explains a number of very important limits on your ability to rely on the information in this Report. Please read it carefully and take it into account when considering the contents of this Report.

Any enquiries regarding this report should be directed to the Program Manager, Carl Radford, email carl.radford@wsaa.asn.au.

13.1 Issue of Report

This Report has been published and/or prepared by the Water Services Association of Australia Limited and nominated Project Manager and peer group of technical specialists (the Publishers).

The Report has been prepared for use within Australia only by technical specialists that have expertise in the function of products such as those appraised in the Report (the Recipients).

By accepting this Report, the Recipient acknowledges and represents to the Publisher(s) and each person involved in the preparation of the Report that the Recipient has understood and accepted the terms of this Disclaimer.

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Recipients should also independently verify and assess the appropriateness of any recommendation in the Report, especially given that any recommendation will not take into account a Recipient's particular needs or circumstances.

WSAA has not evaluated the extent of the product liability and professional indemnity insurance that the provider of the product maintains. Recipients should ensure that they evaluate the allocation of liability for product defects and any professional advice obtained in relation to the product or its specification including the requirements for product liability and professional indemnity insurance.

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The Publisher(s) do[es] not, in any way, warrant that steps have been taken to verify or audit the accuracy or completeness of the information in this Report, or the accuracy, completeness or reasonableness of any recommendation in this Report.

APPENDIX A – PRODUCT LITERATURE



SERIES 1 PVC-M Pipe

Nominal Diameter	Outside Diameter	PN6		PN9		PN12		PN15		PN18	
DN	OD	Wall	ID	Wall	ID	Wall	ID	Wall	ID	Wall	ID
100	114.3	3.0	108.4	3.4	107.5	4.4	105.6	5.4	103.6	6.3	101.7
125	140.2	3.5	133.2	4.2	131.9	5.4	129.5	6.5	127.2	7.7	124.8
150	160.3	4.0	152.4	4.7	150.9	6.0	148.4	7.4	145.6	8.8	142.8
175	200.3	4.9	190.5	5.8	188.8	7.5	185.3	9.2	181.9	10.8	178.7
200	225.3	5.5	214.4	6.4	212.5	8.4	208.6	10.3	204.8	12.2	200.9
225	250.4	6.1	238.2	7.1	236.3	9.2	232.0	11.4	227.7	13.5	223.4
250	280.4	6.7	267.0	7.9	264.6	10.3	259.9	12.8	254.9	15.0	250.4
300	315.5	7.5	300.5	8.8	298.0	11.6	292.4	14.3	287.0	17.0	281.6
375	400.5	9.5	381.5	11.2	378.2	14.6	371.4	18.1	364.4	21.4	357.8
450	500.5	11.8	476.9	13.8	472.9	18.1	464.3	22.6	455.4	26.6	447.3
575	630.5	14.7	601.1	17.3	596.0	22.8	585.0	28.4	573.7	33.5	563.5

SERIES 2 PVC-M Pipe

Nominal Diameter	Outside Diameter	PN12		PN16		PN18		PN20	
DN	OD	Wall	ID	Wall	ID	Wall	ID	Wall	ID
100	121.9	4.7	112.5	6.1	109.7	6.7	108.5	7.4	107.2
150	177.4	6.6	164.2	8.7	160.1	9.7	158.1	10.6	156.2
200	232.3	8.6	215.2	11.3	209.8	12.6	207.2	13.8	204.7
225	259.3	9.5	240.3	12.6	234.2	14.0	231.4	15.3	228.7
250	286.2	10.5	265.2	13.7	258.8	15.3	255.6	17.0	252.3
300	345.4	12.7	320.1	16.5	312.4	18.5	308.5	20.4	304.6
375	426.2	15.6	395.1	20.4	385.4	22.8	380.7	25.1	376.0
450	507.0	18.4	470.3	24.2	458.7	27.0	453.1	29.8	447.5

All dimensions in millimetres

OD = Mean Outside Diameter

Wall = Mean Wall Thickness

ID = Mean Inside Diameter

The standard effective length for all pipe is 6m+50/-0mm



DUAL HARDNESS AS 1477 / 4765 / 4441 S2 Pressure Pipe Gasket

INTRODUCTION

The Dual Hardness Series 2 gasket is a one piece dual durometer design for AS1477 / 4765 / 4441 S2 mandrel produced socketed pressure pipes.

The hard rubber retaining section holds the seal in place, but the seal can be removed for cleaning if necessary prior to field installation.

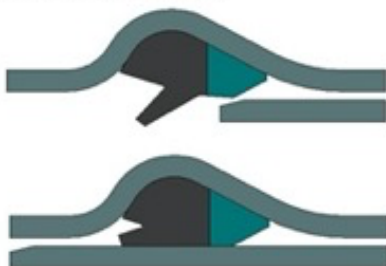
The gasket is an integral part of the pipe, initially fitted into the socket by the pipe manufacturer.

The Dual Hardness Series 2 is Standardsmarked and Watermarked to AS1646 by SAI Global.

APPLICATION

In ground Pressure UPVC, MPVC & OPVC pipe.

A cross-section view of the joint before and after assembly is shown below:



The Dual Hardness Series 2 gasket meets the functional requirements of AS 1477 / 4765 / 4441

MATERIAL SPECIFICATIONS

- * Conforms to AS1646, EN681-1, ASTM F-477 and other International specifications.
- * Standard material SBR
 - Sealing portion Shore A 53 +/- 3.
 - Retaining portion Shore A 83 +/- 3.
- * Potable Water Approved Material:
 - SBR to NSF-61, AS4020
 - EPDM to WRAS-UK, KTW, ACS, AS4020 and other International Standards.
- * Detailed Test Reports for all materials are available on request.

MARKINGS

Each Dual Lock Series 2 gasket is embossed on the non-sealing surface ;

Example :
 DN100Nominal Pipe Size
 AS 1477/4765/4441Pipe Specification
 125776Aust. Reg.Design
 1-1Mould & Cavity Number



.....Manufacturing Mark

10::Year and 1/4 of Manufacture

Additional markings in line with other statutory or International regulations may also be embossed.



.....Standardsmark Licence 20133



.....Watermark Licence 20133

SIZE AND DIMENSIONS

Nominal Size	Pipe O.D.	Part Number
DN100	121.7	8130.8
DN150	177.1	8132.7
DN200	231.9	8134.7
DN225	258.9	8136.7
DN250	285.8	8138.7
DN300	344.9	8140.7
DN375	425.7	8142.7
DN450	506.5	8144.7
DN500	559.8	8146.7
DN600	666.5	8148.7



GULF RUBBER PIPE SEAL DIVISION

Gulf Rubber Australia Pty Limited
 12-13 Green Street, Revesby
 Sydney Australia 2212
 Tel : (61) (2) 9772 4877
 Fax: (61) (2) 9771 2060
 Email: sales@gulf.com.au
 Web Site: www.gulf.com.au

Australia / New Zealand / Italy

APPENDIX B - QUALITY CERTIFICATIONS

Copies of the following quality certificates are available from WSAA.

TABLE B1 PIPEMAKERS AUSTRALIA PTY LTD – MANAGEMENT SYSTEMS

186 Ingram Road Acacia Ridge QLD 501 Foleys Road Deer Park VIC	
Quality Systems Standard	AS/NZS ISO 9001:2015
Certification Licence No.	AMI-QM 78034
Certifying Agency	ApprovalMark International
First Date of Certification	29 September 2021
Current Date of Certification	29 September 2024
Expiry Date of Certification	29 September 2027

TABLE B2 PIPEMAKERS AUSTRALIA PTY LTD – PRODUCT CERTIFICATION

186 Ingram Road Acacia Ridge QLD	
Product Standard/Spec.	AS/NZS 4765:2017
Certificate No.	AMI 21378
Issuing Certification Body	ApprovalMark International
First Date of Certification	16 December 2011
Current Date of Certification	28 November 2023
Expiry Date of Certification	16 December 2026

TABLE B3 PIPEMAKERS AUSTRALIA PTY LTD – PRODUCT CERTIFICATION

501 Foleys Road Deer Park VIC 3023	
Product Standard/Spec.	AS/NZS 4765:2017
Certificate No.	AMI 74555
Issuing Certification Body	ApprovalMark International
First Date of Certification	10 February 2020
Current Date of Certification	10 February 2025
Expiry Date of Certification	10 February 2028

TABLE B5 PIPEMAKERS AUSTRALIA PTY LTD – BEST ENVIRONMENTAL PRACTICE

186 Ingram Road Acacia Ridge QLD 4110	
Product Standard	AS/NZS 4765: 2017
Certificate No.	BEP-PVC 4110
Issuing Certification Body	ApprovalMark International
First Date of Certification	20 February 2012
Current Date of Certification	20 February 2024
Expiry Date of Certification	20 February 2026

TABLE B6 PIPEMAKERS AUSTRALIA PTY LTD – BEST ENVIRONMENTAL PRACTICE

501 Foleys Road Deer Park VIC 3023	
Product Standard	AS/NZS 4765: 2017
Certificate No.	BEP-PVC 542
Issuing Certification Body	ApprovalMark International
First Date of Certification	29 February 2012
Current Date of Certification	29 February 2024
Expiry Date of Certification	29 February 2026

CERTIFICATE OF REGISTRATION



ApprovalMark International hereby grants:

Pipemakers Australia Pty Ltd

186 Ingram Road, Acacia Ridge, QLD, 4110, AUSTRALIA
501 Foley Road, Deer Park, VIC 3023, AUSTRALIA

ISO 9001: 2015 - QUALITY MANAGEMENT SYSTEMS

THIS COVERS THE FOLLOWING SCOPE:

"The manufacture and distribution of PE, UPVC and PVC-O pipes and the purchase and distribution of complementary PVC & PE pipe fittings".

Certificate No. AMI-QM 78034

Issued: 29th September 2024
Expires: 29th September 2027

Originally Certified: 29th September 2021
Current Certification: 29th September 2024

John PRASAD
Director



Registered by: ApprovalMark International Pty Ltd (ABN 69 143 259 974) Unit 20, 33 Holbeche Road, Arndell Park NSW 2148 Australia. The assessment was carried with appropriate skill and assessment by ApprovalMark International Pty Ltd; however it will only accept its responsibility for proven negligence. The certificate remains the property of ApprovalMark International Pty Ltd.

ISO TYPE 5

CERTIFICATE OF CONFORMITY



ApprovalMark International hereby grants:

Pipemakers Australia Pty Ltd

186 Ingram Road
Acacia Ridge, QLD 4110
Australia

ISO Type 5 Certificate of Conformity

Evaluated to:

AS/NZS 4765:2017 – Modified PVC (PVC-M) pipes for pressure applications

The ISO Type 5 License shall comply with all the terms and conditions as stipulated by the governance of the operating rules of the ISO Type 5 Scheme and shall comply with the standard requirements at all times including when the standard is amended. The ISO Type 5 License only covers the product which is identified in the attached product schedule.

Certificate No. AMI 21378

Issued: 28th November 2023

Original Issue: 16th December 2011

Expires: 16th December 2026

John PRASAD

Director

ApprovalMark International Pty Ltd
18/33 Holbeche Road, Arndell Park 2148, Australia
www.approvalmark.com



Registered by: ApprovalMark International Pty Ltd (ABN 69 143 259 974) Unit 18, 33 Holbeche Road, Arndell Park NSW 2148 Australia. The assessment was carried with appropriate skill and assessment by ApprovalMark International Pty Ltd, however it will only accept its responsibility for proven negligence. The certificate remains the property of ApprovalMark International Pty Ltd.



Product Schedule

Pipemakers Australia Pty Ltd

186 Ingram Road
Acacia Ridge, QLD 4110
Australia

ISO Type 5 Certificate of Conformity

Evaluated to:

AS/NZS 4765:2017 – Modified PVC (PVC-M) pipes for pressure applications

Model Id	Model Name	Brand Name	Product Description	Endorsement Date
100PRESSPN6MPVC	100PRESSPN6MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 100, PN6	28 th April 2012
100PRESSPN9MPVC	100PRESSPN9MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 100, PN9	28 th April 2012
100PRESSPN12MPVC	100PRESSPN12MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 100, PN12	28 th April 2012
100PRESSPN6MRRJ	100PRESSPN6MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 100, PN6, RRJ	28 th April 2012
100PRESSPN9MRRJ	100PRESSPN9MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 100, PN9, RRJ	28 th April 2012
100PRESSPN12MRRJ	100PRESSPN12MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 100, PN12, RRJ	28 th April 2012
100PN12S2MPVCRRJ	100PN12S2MPVCRRJ	PIPEMAKERS	MPVC Pressure Pipe, S2, DN 100, PN12, RRJ	28 th April 2012
100PN16S2MPVCRRJ	100PN16S2MPVCRRJ	PIPEMAKERS	MPVC Pressure Pipe, S2, DN 100, PN16, RRJ	28 th April 2012
125PRESSPN6MPVC	125PRESSPN6MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 125, PN6	28 th April 2012
125PRESSPN9MPVC	125PRESSPN9MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 125, PN9	28 th April 2012
125PRESSPN12MPVC	125PRESSPN12MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 125, PN12	28 th April 2012
125PRESSPN6MRRJ	125PRESSPN6MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 125, PN6, RRJ	28 th April 2012
150PRESSPN6MPVC	150PRESSPN6MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 150, PN6	28 th April 2012
150PRESSPN9MPVC	150PRESSPN9MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 150, PN9	28 th April 2012
150PRESSPN12MPVC	150PRESSPN12MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 150, PN12	28 th April 2012
150PRESSPN6MRRJ	150PRESSPN6MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 150, PN6, RRJ	28 th April 2012



Product Schedule

Model Id	Model Name	Brand Name	Product Description	Endorsement Date
150PRESSPN9MRRJ	150PRESSPN9MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 150, PN9, RRJ	28 th April 2012
150PRESSPN12MRRJ	150PRESSPN12MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 150, PN12, RRJ	28 th April 2012
150PN12S2MPVCRRJ	150PN12S2MPVCRRJ	PIPEMAKERS	MPVC Pressure Pipe, S2, DN 150, PN12, RRJ	28 th April 2012
150PN16S2MPVCRRJ	150PN16S2MPVCRRJ	PIPEMAKERS	MPVC Pressure Pipe, S2, DN 150, PN16, RRJ	28 th April 2012
175PRESSPN6MPVC	175PRESSPN6MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 175, PN6	28 th April 2012
175PRESSPN9MPVC	175PRESSPN9MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 175, PN9	28 th April 2012
175PRESSPN12MPVC	175PRESSPN12MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 175, PN12	28 th April 2012
200PRESSPN6MPVC	200PRESSPN6MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 200, PN6	28 th April 2012
200PRESSPN9MPVC	200PRESSPN9MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 200, PN9	28 th April 2012
200PRESSPN12MPVC	200PRESSPN12MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 200, PN12	28 th April 2012
200PRESSPN6MRRJ	200PRESSPN6MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 200, PN6, RRJ	28 th April 2012
200PRESSPN9MRRJ	200PRESSPN9MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 200, PN9, RRJ	28 th April 2012
200PRESSPN12MRRJ	200PRESSPN12MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 200, PN12, RRJ	28 th April 2012
200PN12S2MPVCRRJ	200PN12S2MPVCRRJ	PIPEMAKERS	MPVC Pressure Pipe, S2, DN 200, PN12, RRJ	28 th April 2012
200PN16S2MPVCRRJ	200PN16S2MPVCRRJ	PIPEMAKERS	MPVC Pressure Pipe, S2, DN 200, PN16, RRJ	28 th April 2012
225PRESSPN6MPVC	225PRESSPN6MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 225, PN6	28 th April 2012
225PRESSPN9MPVC	225PRESSPN9MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 225, PN9	28 th April 2012
225PRESSPN12MPVC	225PRESSPN12MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 225, PN12	28 th April 2012
225PRESSPN6MRRJ	225PRESSPN6MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 225, PN6, RRJ	28 th April 2012
225PRESSPN9MRRJ	225PRESSPN9MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 225, PN9, RRJ	28 th April 2012
225PRESSPN12MRRJ	225PRESSPN12MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 225, PN12, RRJ	28 th April 2012
225PN12S2MPVCRRJ	225PN12S2MPVCRRJ	PIPEMAKERS	MPVC Pressure Pipe, S2, DN 225, PN12, RRJ	28 th April 2012
225PN16S2MPVCRRJ	225PN16S2MPVCRRJ	PIPEMAKERS	MPVC Pressure Pipe, S2, DN 225, PN16, RRJ	28 th April 2012
250PRESSPN6MPVC	250PRESSPN6MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 250, PN6	28 th April 2012



Product Schedule

Model Id	Model Name	Brand Name	Product Description	Endorsement Date
250PRESSPN9MPVC	250PRESSPN9MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 250, PN9	28 th April 2012
250PRESSPN12MPVC	250PRESSPN12MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 250, PN12	28 th April 2012
250PRESSPN6MRRJ	250PRESSPN6MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 250, PN6, RRJ	28 th April 2012
250PRESSPN9MRRJ	250PRESSPN9MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 250, PN9, RRJ	28 th April 2012
250PRESSPN12MRRJ	250PRESSPN12MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 250, PN12, RRJ	28 th April 2012
250PN12S2MPVCRRJ	250PN12S2MPVCRRJ	PIPEMAKERS	MPVC Pressure Pipe, S2, DN 250, PN12, RRJ	28 th April 2012
250PN16S2MPVCRRJ	250PN16S2MPVCRRJ	PIPEMAKERS	MPVC Pressure Pipe, S2, DN 250, PN16, RRJ	28 th April 2012
300PRESSPN6MPVC	300PRESSPN6MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 300, PN6	28 th April 2012
300PRESSPN9MPVC	300PRESSPN9MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 300, PN9	28 th April 2012
300PRESSPN12MPVC	300PRESSPN12MPVC	PIPEMAKERS	MPVC Pressure Pipe, DN 300, PN12	28 th April 2012
300PRESSPN6MRRJ	300PRESSPN6MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 300, PN6, RRJ	28 th April 2012
300PRESSPN9MRRJ	300PRESSPN9MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 300, PN9, RRJ	28 th April 2012
300PRESSPN12MRRJ	300PRESSPN12MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 300, PN12, RRJ	28 th April 2012
300PN12S2MPVCRRJ	300PN12S2MPVCRRJ	PIPEMAKERS	MPVC Pressure Pipe, S2, DN 300, PN12, RRJ	28 th April 2012
300PN16S2MPVCRRJ	300PN16S2MPVCRRJ	PIPEMAKERS	MPVC Pressure Pipe, S2, DN 300, PN16, RRJ	28 th April 2012
375PN12S2MPVCRRJ	375PN12S2MR	PIPEMAKERS	MPVC Pressure Pipe, S2, DN 375, PN12, RRJ	28 th November 2023
375PN16S2MPVCRRJ	375PN16S2MR	PIPEMAKERS	MPVC Pressure Pipe, S2, DN 375, PN16, RRJ	28 th November 2023
375PRESSPN9MRRJ	375PRESSPN9MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 375, PN9, RRJ	28 th November 2023
375PRESSPN12MRRJ	375PRESSPN12MRRJ	PIPEMAKERS	MPVC Pressure Pipe, DN 375, PN12, RRJ	28 th November 2023
375PRESSPN9MPVC	375PRESSPN9M	PIPEMAKERS	MPVC Pressure Pipe, DN 375, PN9	28 th November 2023
375PRESSPN12MPVC	375PRESSPN12M	PIPEMAKERS	MPVC Pressure Pipe, DN 375, PN12	28 th November 2023

End of record

Certificate No. AMI 21378

The models identified above in the schedule are endorsed for ISO Type 5 application only.

ISO TYPE 5

CERTIFICATE OF CONFORMITY



ApprovalMark International hereby grants:

Pipemakers Australia Pty Ltd

501 Foleys Road
Deer Park, VIC 3032
Australia

ISO Type 5 Certificate of Conformity

Evaluated to:

AS/NZS 4765:2017 – Modified PVC (PVC-M) pipes for pressure applications

The ISO Type 5 License shall comply with all the terms and conditions as stipulated by the governance of the operating rules of the ISO Type 5 Scheme and shall comply with the standard requirements at all times including when the standard is amended. The ISO Type 5 License only covers the product which is identified in the attached product schedule.

Certificate No. AMI 74555

Issued: 10th February 2025

Original Issue: 10th February 2020

Expires: 10th February 2028

A handwritten signature in black ink, appearing to read "John PRASAD".

John PRASAD

Director

ApprovalMark International Pty Ltd
18/33 Holbeche Road, Arndell Park 2148, Australia
www.approvalmark.com



Registered by: ApprovalMark International Pty Ltd (ABN 69 143 259 974) Unit 18, 33 Holbeche Road, Arndell Park NSW 2148 Australia. The assessment was carried with appropriate skill and assessment by ApprovalMark International Pty Ltd, however it will only accept its responsibility for proven negligence. The certificate remains the property of ApprovalMark International Pty Ltd.



Product Schedule

Pipemakers Australia Pty Ltd

501 Foleys Road
Deer Park, 3032
AUSTRALIA

ISO Type 5 Certificate of Conformity

Evaluated to:

AS/NZS 4765:2017 – Modified PVC (PVC-M) pipes for pressure applications

Model Id	Model Name	Brand Name	Product Description	Endorsement Date
100 S2 PVC-M	100 PVC-M	ENVIRONMAIN	100MM PN-12 TO PN20 S2 PVC-M PRESSURE PIPE. AVAILABLE IN BLUE, LILAC, CREAM, GREY & WHITE. LENGTHS FROM 3M TO 6 M RRJ	10th February 2020
150 S2 PVC-M	150 PVC-M	ENVIRONMAIN	150MM PN-12 TO PN20 S2 PVC-M PRESSURE PIPE. AVAILABLE IN BLUE, LILAC, CREAM, GREY & WHITE. LENGTHS FROM 3M TO 6 M RRJ	10th February 2020
200 S2 PVC-M	200 PVC-M	ENVIRONMAIN	200MM PN-12 TO PN20 S2 PVC-M PRESSURE PIPE. AVAILABLE IN BLUE, LILAC, CREAM, GREY & WHITE. LENGTHS FROM 3M TO 6 M RRJ	10th February 2020
225 S2 PVC-M	225 PVC-M	ENVIRONMAIN	225MM PN-12 TO PN20 S2 PVC-M PRESSURE PIPE. AVAILABLE IN BLUE, LILAC, CREAM, GREY & WHITE. LENGTHS FROM 3M TO 6 M RRJ	10th February 2020
250 S2 PVC-M	250 PVC-M	ENVIRONMAIN	250MM PN-12 TO PN20 S2 PVC-M PRESSURE PIPE. AVAILABLE IN BLUE, LILAC, CREAM, GREY & WHITE. LENGTHS FROM 3M TO 6 M RRJ	10th February 2020
300 S2 PVC-M	300 PVC-M	ENVIRONMAIN	300MM PN-12 TO PN20 S2 PVC-M PRESSURE PIPE. AVAILABLE IN BLUE, LILAC, CREAM, GREY & WHITE. LENGTHS FROM 3M TO 6 M RRJ	10th February 2020
375 S2 PVC-M	375 PVC-M	ENVIRONMAIN	375MM PN-12 TO PN20 S2 PVC-M PRESSURE PIPE. AVAILABLE IN BLUE, LILAC, CREAM, GREY & WHITE. LENGTHS FROM 3M TO 6 M RRJ	10th February 2020
450 S2 PVC-M	450 PVC-M	ENVIRONMAIN	450MM PN-12 TO PN20 S2 PVC-M PRESSURE PIPE. AVAILABLE IN BLUE, LILAC, CREAM, GREY & WHITE. LENGTHS FROM 3M TO 6 M RRJ	10th February 2020
100 S1 PVC-M	100 PVC-M	ENVIRONMAIN	100MM PN-6 TO PN18 S1 PVC-M PRESSURE PIPE. AVAILABLE IN BLUE, LILAC, CREAM, GREY & WHITE. LENGTHS FROM 3M TO 6 M RRJ & SWJ	10th February 2020
150 S1 PVC-M	150 PVC-M	ENVIRONMAIN	150MM PN-6 TO PN18 S1 PVC-M PRESSURE PIPE. AVAILABLE IN BLUE, LILAC, CREAM, GREY & WHITE. LENGTHS FROM 3M TO 6 M RRJ & SWJ	10th February 2020
200 S1 PVC-M	200 PVC-M	ENVIRONMAIN	200MM PN-6 TO PN18 S1 PVC-M PRESSURE PIPE. AVAILABLE IN BLUE, LILAC, CREAM, GREY & WHITE. LENGTHS FROM 3M TO 6 M RRJ & SWJ	10th February 2020
225 S1 PVC-M	225 PVC-M	ENVIRONMAIN	225MM PN-6 TO PN18 S1 PVC-M PRESSURE PIPE. AVAILABLE IN BLUE, LILAC, CREAM, GREY & WHITE. LENGTHS FROM 3M TO 6 M RRJ & SWJ	10th February 2020
250 S1 PVC-M	250 PVC-M	ENVIRONMAIN	250MM PN-6 TO PN18 S1 PVC-M PRESSURE PIPE. AVAILABLE IN BLUE, LILAC, CREAM, GREY & WHITE. LENGTHS FROM 3M TO 6 M RRJ & SWJ	10th February 2020
300 S1 PVC-M	300 PVC-M	ENVIRONMAIN	300MM PN-6 TO PN18 S1 PVC-M PRESSURE PIPE. AVAILABLE IN BLUE, LILAC, CREAM, GREY & WHITE. LENGTHS FROM 3M TO 6 M RRJ & SWJ	10th February 2020
375 S1 PVC-M	375 PVC-M	ENVIRONMAIN	375MM PN-6 TO PN18 S1 PVC-M PRESSURE PIPE. AVAILABLE IN BLUE, LILAC, CREAM, GREY & WHITE.	10th February 2020



Product Schedule

Model Id	Model Name	Brand Name	Product Description	Endorsement Date
			LENGTHS FROM 3M TO 6 M RRJ & SWJ	
450 S1 PVC-M	450 PVC-M	ENVIRONMAIN	450MM PN-6 TO PN18 S1 PVC-M PRESSURE PIPE. AVAILABLE IN BLUE, LILAC, CREAM, GREY & WHITE. LENGTHS FROM 3M TO 6 M RRJ & SWJ	10th February 2020
575 S1 PVC-M	575 PVC-M	ENVIRONMAIN	575MM PN-6 TO PN18 S1 PVC-M PRESSURE PIPE. AVAILABLE IN BLUE, LILAC, CREAM, GREY & WHITE. LENGTHS FROM 3M TO 6 M RRJ & SWJ	10th February 2020

End of record

Certificate No. AMI 74555

The models identified above in the schedule are endorsed for ISO Type 5 application only.



BEST ENVIRONMENTAL PRACTICE



ApprovalMark International hereby grants:

Pipemakers Australia Pty Ltd

186 Ingram Road
Acacia Ridge, QLD 4110
AUSTRALIA

Best Environmental Practice - PVC Version 2.0

Evaluated to:

AS/NZS 1254:2010 - PVC-U - Pipes and fittings for storm water and surface water applications
AS/NZS 1260:2017 - PVC - U - Pipes and fittings for drain, waste and vent applications
AS/NZS 1477:2017 - PVC- U Pipes and fittings for pressure application
AS/NZS 4441:2017 - Orientated PVC (PVC-O) pipes for pressure applications
AS/NZS 4765:2017 - Modified PVC (PVC-M) pipes for pressure applications
NZS 2053.2:2001 - Conduits and fittings for electrical installations -
2: Rigid plain conduits and fittings of insulating material

AS/
Part

The licensee adheres to the Best Environmental Practice – PVC guidelines as outlined in the Green Building Council of Australia (GBCA) Literature Review and Best Practice Guidelines for the Life Cycle of PVC Building Products. This includes compliance with the relevant specified standards and Section 7 of the GBCA guidelines. Additionally, the manufacturer's technical documentation has been thoroughly reviewed and found to align with these standards.

- Manufacture of PVC Resin
- Manufacture and end of life management of PVC products
- Use of PVC Recyclate in PVC products

Any changes introduced to above requirements shall immediately be reported to ApprovalMark International in order to examine the validity of the certificate.

Certificate No. BEP-PVC 4110

Issued: 20th February 2024

Originally Certified: 20th February 2012

Expires: 20th February 2026

Current Certification: 20th February 2024

John PRASAD

Director

ApprovalMark International Pty Ltd
18/33 Holbeche Road, Arndell Park 2148, Australia

Registered by: ApprovalMark International Pty Ltd (ABN 69 143 259 974) Unit 18, 33 Holbeche Road, Arndell Park NSW 2148 Australia. The assessment was carried with appropriate skill and assessment by ApprovalMark International Pty Ltd; however it will only accept its responsibility for proven negligence. The certificate remains the property of ApprovalMark International Pty Ltd.



BEST ENVIRONMENTAL PRACTICE



ApprovalMark International hereby grants:

Pipemakers Australia Pty Ltd

501 Foleys Road
Deer Park, VIC 3023
Australia

Best Environmental Practice - PVC Version 2.0

Evaluated to:

AS/NZS 1254:2010 - PVC-U Pipes and fittings for stormwater and surface water applications
AS/NZS 1260:2017 - PVC-U - Pipes and fittings for drain, waste and vent applications
AS/NZS 1477:2017 - PVC-U - Pipes and fittings for pressure applications
AS/NZS 4441:2017 - Orientated PVC (PVC-O) pipes for pressure applications
AS/NZS 4765:2017 - Modified PVC (PVC-M) pipes for pressure applications
AS/NZS 2053.2:2001 - Conduits and fittings for electrical installations - Part 2: Rigid plain conduits and fittings of insulating material

The licensee adheres to the Best Environmental Practice – PVC guidelines as outlined in the Green Building Council of Australia (GBCA) Literature Review and Best Practice Guidelines for the Life Cycle of PVC Building Products. This includes compliance with the relevant specified standards and Section 7 of the GBGA guidelines. Additionally, the manufacturer's technical documentation has been thoroughly reviewed and found to align with these standards.

- Manufacture of PVC Resin
- Manufacture and end of life management of PVC products
- Use of PVC Recyclate in PVC products

Any changes introduced to above requirements shall immediately be reported to ApprovalMark International in order to examine the validity of the certificate.

Certificate No. BEP-PVC 542

Issued: 29th February 2024

Originally Certified: 29th February 2012

Expires: 29th February 2026

Current Certification: 29th February 2024

John PRASAD

Director

ApprovalMark International Pty Ltd
18/33 Holbeche Road, Arndell Park 2148, Australia

Registered by: ApprovalMark International Pty Ltd (ABN 69 143 259 974) Unit 18, 33 Holbeche Road, Arndell Park NSW 2148 Australia. The assessment was carried with appropriate skill and assessment by ApprovalMark International Pty Ltd; however it will only accept its responsibility for proven negligence. The certificate remains the property of ApprovalMark International Pty Ltd.

APPENDIX C - SUPPLIER CONTACTS

PIPEMAKERS AUSTRALIA PTY LTD

PVC Manufacturing Facilities

186 Ingram Road Acacia Ridge QLD 4110. Phone: 07 3344 3377 Email: sales.qld@pipemakers.com.au	501 Foleys Road Deer Park VIC 3023 Phone: 03 8361 7115 Email: sales.vic@pipemakers.com.au
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Sales and Distribution

Pipemakers Northern Region Areas Serviced • Northern Territory • Queensland • Northern New South Wales • Metropolitan Sydney • ACT Queensland: Phone: 07 3344 3377 Address: 186 Ingram Rd Acacia Ridge QLD 4110 New South Wales: Phone: (02) 9604 3044 Address: 16-24 Lugard Street, Penrith N.S.W.	Pipemakers Southern Region Areas Serviced • Southern New South Wales • Victoria • Tasmania • South Australia Victoria Phone: 03 8361 7115 Address: 501 Foleys Road Deer Park VIC 3023 New South Wales Phone: (02) 9604 3044 Address: 16-24 Lugard Street, Penrith N.S.W.
Pipemakers Western Region Areas Serviced • Western Australia Phone: (08) 6250 3100 Address: 17 Gauge Circuit Canningvale WA 6155 Phone: 08 6250 3100	

**Melbourne Office**

Wurundjeri Country
Level 8, Suite 8.02
401 Docklands Drive
Docklands VIC 3008

Sydney Office

Gadigal Country
Level 6 75 Elizabeth Street
Sydney NSW 2000
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