

AS/NZS 3690:2009

Reconfirmed 2024

AS/NZS 3690:2009

Australian/New Zealand Standard™

## Installation of ABS pipe systems



## **AS/NZS 3690:2009**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee PL-021, PVC, ABS and Polyamide Pipe Systems. It was approved on behalf of the Council of Standards Australia on 24 March 2009 and on behalf of the Council of Standards New Zealand on 13 March 2009.  
This Standard was published on 26 May 2009.

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The following are represented on Committee PL-021:

Australian Chamber of Commerce and Industry  
Certification Interests (Australia)  
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Local Government New Zealand  
Master Plumbers, Gasfitters and Drainlayers New Zealand  
National Plumbing Regulators Forum  
New Zealand Water and Waste Association  
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Plastics Industry Pipe Association of Australia  
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We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia or Standards New Zealand at the address shown on the back cover.

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

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**RECONFIRMATION**  
**OF**  
**AS/NZS 3690:2009**  
**Installation of ABS pipe systems**

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Technical Committee PL-021 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 19 October 2023.

Approved for reconfirmation in New Zealand on behalf of the New Zealand Standards Approval Board on 18 April 2024.

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Plastic Industry Pipe Association of New Zealand  
Plastics Industry Pipe Association of Australia  
Plastics New Zealand  
Water New Zealand  
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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee PL-021, PVC, ABS and Polyamide Pipe Systems, to supersede AS 3690—1989.

The objective of this Standard is to provide uniform procedures for the installation of ABS pipe systems for both above, and below, ground applications.

The objective of this revision is to update the Australian Standard and publish as a joint Australian/New Zealand Standard.

This Standard primarily addresses the installation, testing and commissioning of ABS pipes and fittings for water plumbing, drainage, stormwater drainage, and industrial and irrigation applications and is not intended to replace industry-specific installation codes or regulations. Site specific characteristics may require provisions additional to the requirements in this Standard.

For plumbing applications, reference should also be made to AS/NZS 3500, *Plumbing and drainage* (all parts).

For water supply and sewerage network infrastructure involving the design and installation of ABS pipelines, reference should be made to Water Services Association of Australia (WSAA) Codes.

For design and installation of buried flexible pipelines, reference should be made to AS/NZS 2566.1, *Buried flexible pipelines, Part 1: Design* and AS/NZS 2566.2, *Buried flexible pipelines, Part 2: Installation*.

ABS pipe and fitting compounds may be rated to higher or lower temperatures, according to their ABS classification, within the temperature range of 0 to 60°C. Thermal rating of ABS pipes at temperatures above or below 20°C is covered in AS/NZS 3518.

Further references are listed in Appendix A, which may be used to provide more detailed explanations or information regarding the installation of ABS pipelines.

For electrical installations, reference should be made to AS/NZS 3000, *Electrical installations*.

Australian and New Zealand Standards generally do not—

- (a) restate the duties of employers, employees, designers and installers;
- (b) determine the applicability of regulatory limitations; or
- (c) determine appropriate health and safety practices.

Statements expressed in mandatory terms in notes to figures and tables are deemed to be requirements of this Standard.

Notes to text are for information and guidance only.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

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