

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Amendment No. 1
to
AS/NZS 1254:2010
PVC-U pipes and fittings for stormwater
and surface water application

REVISED TEXT

The 2010 edition of AS/NZS 1254 is amended as follows; the amendment(s) should be inserted in the appropriate place(s).

SUMMARY: This Amendment applies to the Preface, Clauses 1.1, 1.2, 1.3, 2.2, 2.8 (new), 4.6, 5.6(c) (new), 6.3, 6.5(h) (new), Appendix B (new) and Bibliography (new).

Published on 11 April 2011.

Approved for publication in New Zealand on behalf of the Standards Council of New Zealand on 18 March 2011.

Preface

Add new paragraphs as follows:

Appendix B sets out additional requirements for pipes and fittings classed as best environmental practice PVC for stormwater and surface water applications. These requirements are in accordance with the credit criteria established by the Green Building Council of Australia in their Green Star rating program.

An attestation of compliance with the requirements for upstream materials such as chlorine and vinyl chloride monomer is necessary. Such attestations can take the form of a declaration of conformity prepared and maintained in accordance with ISO/IEC 17050, *Conformity assessment—Supplier's declaration of conformity*, Part 1: *General requirements*, and Part 2: *Supporting documentation*. Part 1 addresses the contents of the declaration of conformity and the procedures necessary to ensure ongoing compliance. Part 2 addresses the documentation required to support a declaration of conformity including the contents, traceability, availability and retention period.

Clause 1.1

Add new paragraph as follows:

Appendix B sets out additional requirements for pipes and fittings classed as best environmental practice PVC for stormwater and surface water applications. These requirements are in accordance with the credit criteria established by the Green Building Council of Australia in their Green Star rating program.

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Clause 1.2

Add the following normative references:

ISO/IEC

17000 Conformity assessment—Vocabulary and general principles

17050 Conformity assessment—Supplier's declaration of conformity

17050-1 Part 1: General requirements

17050-2 Part 2: Supporting documentation

Plastics Industry Pipe Association

POP106 Verification guidelines for best environmental practice (BEP) PVC

NOTE: POP106 is available at www.pipa.com.au

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Clause 1.3

Add the following new definitions:

1.3.16 Best environmental practice PVC pipes and fittings

Pipes or fittings produced by a manufacturer meeting both of the requirements of the credit criteria prescribed in Appendix B, and the normative parts of this Standard, to the satisfaction of an accredited Conformity Assessment Body.

1.3.17 Conformity Assessment Body (CAB)

An organization registered with and approved by JAS-ANZ to conduct assessments leading to product certification.

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Clause 2.2

In the second paragraph, *insert* the following after the first sentence:

The titanium dioxide pigment shall contain at least 90% by mass of TiO₂.

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Clause 2.8 (new)

Add new Clause as follows:

2.8 ADDITIONAL REQUIREMENTS FOR BEST ENVIRONMENTAL PRACTICE PVC PIPES AND FITTINGS

For best environmental practice PVC pipes and fittings Appendix B shall apply.

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Clause 4.6

1 Add new Item (i) as follows:

- (i) For best environmental practice PVC pipes complying with Appendix B, the letters 'BEP PVC' or the words 'BEST ENVIRONMENTAL PRACTICE PVC'.

2 Delete 'Example:.' and replace with 'Examples:.'.

3 Add a second example as follows:

TRADE NAME DN100 PVCU STORMWATER SC SN2 010515 P1 AS/NZS1254 BEP PVC

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Clause 5.6(c) (new)

Add new Item (c) as follows:

- (c) For best environmental practice PVC fittings complying with Appendix B, either the letters 'BEP PVC' or the words 'BEST ENVIRONMENTAL PRACTICE PVC' on either the product or packaging.
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Clause 6.3

Delete the third paragraph.

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Clause 6.5(h) (new)

Add new Item (h) as follows:

- (h) For best environmental practice PVC fittings, the letters 'BEP PVC' or the words 'BEST ENVIRONMENTAL PRACTICE PVC'.
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Appendix B (new)

Add new Appendix B as follows:

APPENDIX B

ADDITIONAL REQUIREMENTS FOR BEST ENVIRONMENTAL PRACTICE PVC FOR PIPES AND FITTINGS

(Normative)

B1 SCOPE

This Appendix sets out additional requirements for best environmental practice PVC-U pipes and fittings for stormwater and surface water applications for the built environment.

B2 CERTIFICATION

Third party product certification is one of the options permitted under the Green Star building rating system managed by the Green Building Council of Australia. This Appendix sets out the guidelines to be used by the product certifying body.

Pipe certified as demonstrating compliance with these requirements in addition to certified compliance with the performance criteria in the remainder of this Standard should be deemed to satisfy the Green Building Council of Australia's criteria for 'best practice PVC products in the built environment' as defined by the Green Star rating tool.

NOTE: Additional explanation regarding the Green Building Council of Australia PVC credit criteria, the background and the compliance requirements may be obtained from the GBCA and PIPA websites www.gbca.org.au and www.pipa.com.au respectively.

B3 REQUIREMENTS

NOTE: These requirements have been based on the Green Building Council of Australia's Green Star PVC Credit published 2010. Requirements that are the same as in the normative parts of this Standard are identified in Table B1.

Post-consumer recycled PVC content that is used in the production of new PVC pipes and fittings is excluded from the following criteria, provided appropriate isolation measures are followed.