AS 2157:2025

Australian STANDARD®

STANDARDS Australia

Cutback bitumen



AS 2157:2025

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The following are represented on Committee CH-025:

- Australian Airports Association
- Australian Chamber of Commerce and Industry
- Australian Flexible Pavement Association
- Australian Institute of Petroleum
- Austroads
- AustStab
- Department of Transport and Planning (VIC)
- Engineers Australia
- National Association of Testing Authorities Australia
- National Transport Research Organization

Additional Interests:

- Civil Contractors New Zealand
- NZ Transport Agency Waka Kotahi

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Australian Standard®

Cutback bitumen

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How to read this Standard

This page explains the meaning of the language and structure of this Standard.

Refer to Standards Australia's Standardisation Guide 006 for more details about drafting rules.

Australian and Australian/New Zealand Standards are voluntary unless they are referenced in legislation or called up in contracts.

Requirements

To conform to a Standard, all requirements in the Standard need to be met.

A requirement is any statement in the Standard which uses the word "shall".

Recommendations, permissions and possibilities

The following words are commonly used in Standards, but statements using them do not have to be followed to conform to the Standard:

(a) "should" means that something is recommended.

(b) "may" means that something is permitted.

(c) "can" means that something is possible.

Structure of Standards

A Standard always has the following parts:

(i) The Preface states who developed the Standard, what the Standard is aiming to do, and how it relates to other documents.

(ii) The Scope states what the Standard is about, what it covers and what it does not cover.

(iii) The Normative references clause lists other documents that are referenced in the Standard as part of requirements.

(iv) The Terms and definitions clause defines important terms to help with understanding the Standard.

A Standard may also include other parts, such as the following:

(1) A normative appendix sets additional requirements that need to be conformed to.

(2) An informative appendix provides additional information or guidance. They usually do not contain requirements. If an informative appendix does contain requirements, the Standard will explain when those requirements apply.

(3) A Bibliography lists documents referenced in the Standard but not as part of requirements.

Many Standards include notes. Notes provide recommendations and/or guidance only. They never contain requirements.

Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CH-025, Bitumen and Related Products (for Roadmaking), to supersede AS 2157—1997.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this document as an Australian Standard rather than an Australian/New Zealand Standard.

This document specifies requirements for cutback bitumen intended for use in the construction and maintenance of pavements.

This document is one of a series relating to material for roadmaking purposes. Other Standards in the series are as follows:

(a) AS 1160, *Bituminous emulsions for the construction and maintenance of pavements*

(b) AS 2008, *Bitumen for pavements*

(c) AS 3568, *Oils for reducing the viscosity of bituminous binders for pavements*

The major changes in this edition are as follows:

(i) Removal of the AMC1, AMC2, AMC3 and AMC4 grades.

(ii) Using recipes to specify different cutback bitumen grades instead of specifying the materials based on test properties.

(iii) Inclusion of the typical test properties of cutback bitumen in an informative appendix (see Appendix B).

These revisions reflect changes to the grades of cutback bitumen used for roadmaking purposes in Australia. They also reflect changes to the methods of manufacture and testing of cutback bitumen in Australia.

The terms “normative” and “informative” are used in Standards to define the application of the appendices 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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Contents

Page

Preface ..... **v**

Section 1 Scope and general **1**
1.1 Scope 1
1.2 Normative references 1
1.3 Terms and definitions 1

Section 2 Classification **2**

Section 3 Sampling **3**

Section 4 Labelling **4**

Section 5 Sample preparation **5**

Section 6 Cutback bitumen manufacture **6**
6.1 General requirements 6
6.2 Raw material requirements 6
6.3 Component amounts 6
6.4 Worked examples of cutback bitumen produced to a recipe 7

Section 7 Reporting **9**

Appendix A (informative) **Recommended application temperatures** **10**

Appendix B (informative) **Typical cutback bitumen test properties** **11**

Bibliography **12**

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