

AS 2150:2020



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Australia



# Asphalt — A guide to good practice

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AS 2150:2020

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The following are represented on Committee CE-006:

- Australian Road Research Board (ARRB)
- Australian Asphalt Pavement Association
- Australian Chamber of Commerce and Industry
- Austrroads
- National Association of Testing Authorities Australia

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# Asphalt — A guide to good practice

Originates as AS 2150—1978 and AS 2734—1984.  
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## Preface

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee CE-006, Asphalt and Sprayed Surfacing, to supersede AS 2150—2005, *Hot mix asphalt—A guide to good practice*.

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.

The objective of this Standard is to provide manufacturers, specifiers and designers of asphalt mixes with recommendations for the manufacture and placing of asphalt for use in pavements.

This Standard is not intended for use as a project specification. Project specifications for most road pavement applications include standard specification documents issued by state road authorities, local government, the Australian Asphalt Pavement Association and AUS-SPEC (NatSpec).

Reference to this Standard may be made in specifications for minor works, in which case the Standard may be used to determine appropriate selection of materials, asphalt manufacture and standards of workmanship.

The objective of this revision is to incorporate improvements based on user experience and reflect technical developments taking place in the industry.

The major changes in this edition are as follows:

- (a) Amendment of the title.
- (b) Addition of a definition and description for warm mix asphalt.
- (c) Revision of [Appendix A](#) to remove some details relating to safe working practices that are defined elsewhere in relevant legislation and supplier responsibilities.
- (d) Deletion of [Appendix C](#) referring to basis of payment for asphalt work.

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.

# Contents

Preface .....	ii
<b>1 Scope .....</b>	<b>1</b>
<b>2 Normative references .....</b>	<b>1</b>
<b>3 Terms and definitions .....</b>	<b>1</b>
<b>4 Materials .....</b>	<b>5</b>
4.1 Aggregates .....	5
4.1.1 Coarse aggregate .....	5
4.1.2 Fine aggregate .....	5
4.1.3 Crushed recycled glass .....	5
4.2 Filler .....	6
4.3 Binder .....	7
4.3.1 Bitumen binder .....	7
4.3.2 Polymer-modified binder .....	7
4.4 Fibre .....	7
4.5 Adhesion agent .....	8
4.6 Reclaimed asphalt pavement (RAP) .....	8
4.7 Rejuvenating agents .....	8
4.8 Warm mix additives .....	8
<b>5 Properties of asphalt mixes and their evaluation .....</b>	<b>8</b>
5.1 General .....	8
5.2 Composition and volumetric properties .....	9
5.2.1 General .....	9
5.2.2 Particle size distribution (aggregate grading) .....	9
5.2.3 Binder content .....	9
5.2.4 Air voids .....	9
5.2.5 Maximum density (MD) and maximum theoretical density (MTD) .....	9
5.2.6 Bulk density .....	9
5.2.7 Voids in mineral aggregate .....	9
5.2.8 Voids filled with binder .....	10
5.3 Mechanical properties by Marshall method .....	10
5.3.1 General .....	10
5.3.2 Stability .....	10
5.4 Other properties .....	10
<b>6 Specification and design of an asphalt mix .....</b>	<b>16</b>
6.1 General .....	16
6.2 Mix design procedure .....	16
6.3 Production tolerances .....	16
<b>7 Manufacturing and storage of mix .....</b>	<b>17</b>
7.1 General .....	17
7.1.1 Design and construction .....	17
7.1.2 Storage of materials .....	17
7.1.3 RAP .....	18
7.1.4 Feeding of cold aggregates and RAP .....	18
7.2 Batch plant processing .....	18
7.2.1 Drying and heating .....	18
7.2.2 Screening and storage of hot aggregate .....	18
7.2.3 Proportioning .....	19
7.2.4 Mixing .....	19
7.3 Continuous plant processing .....	19
7.3.1 Drying and heating .....	19
7.3.2 Addition of binder .....	20
7.3.3 Mixing .....	20

7.4	Warm mix asphalt (WMA)	20
7.5	Storage of asphalt	20
<b>8</b>	<b>Delivery of asphalt</b>	<b>21</b>
8.1	Vehicles	21
8.2	Measurement of mass	21
8.3	Temperature at point of delivery	21
8.4	Records	21
<b>9</b>	<b>Sampling and testing</b>	<b>22</b>
9.1	Laboratory	22
9.2	Sampling of asphalt	22
9.3	Testing of asphalt	22
9.4	Sampling and testing of aggregates	22
9.5	Sampling and testing of filler	22
9.6	Sampling and testing of binder	22
9.7	Sampling and testing of RAP	23
<b>10</b>	<b>Preparation of surface to be paved</b>	<b>23</b>
10.1	Correction of defects in existing surfaces	23
10.2	Pretreatment of granular pavements	23
10.3	Cleaning	24
10.4	Public utilities	24
10.5	Surface condition	24
<b>11</b>	<b>Tack coating</b>	<b>24</b>
11.1	General	24
11.2	Materials	24
11.3	Rates of application	24
11.4	Techniques	24
<b>12</b>	<b>Spreading</b>	<b>25</b>
12.1	General	25
12.2	Spreading by self-propelled paving machine	25
12.3	Spreading by hand	26
12.4	Asphalt temperatures	26
12.5	Layer thickness	27
12.6	Joints	27
12.6.1	General	27
12.6.2	Longitudinal joints	27
12.6.3	Transverse joints	28
12.6.4	Automatic level control	28
12.6.5	Techniques	28
<b>13</b>	<b>Compaction</b>	<b>29</b>
13.1	General	29
13.2	Compaction equipment	29
13.3	Procedure for dense-graded asphalt	30
13.3.1	General	30
13.3.2	Initial or breakdown rolling	30
13.3.3	Secondary or intermediate rolling	31
13.3.4	Final or finish rolling	31
13.3.5	Hand compaction	31
13.4	Procedure for open-graded asphalt	31
13.5	Procedure for stone mastic asphalt	31
13.6	Compaction techniques	32
<b>14</b>	<b>Finished pavement properties</b>	<b>32</b>
14.1	Level	32
14.2	Thickness	32
14.3	Shape	32
14.3.1	Surface	32

14.3.2	Riding quality .....	33
14.4	Density.....	33
<b>Appendix A</b>	<b>(informative) Planning.....</b>	<b>35</b>
<b>Appendix B</b>	<b>(informative) Selection of types of asphalt.....</b>	<b>37</b>
<b>Appendix C</b>	<b>(informative) Principles of asphalt mix design.....</b>	<b>40</b>
<b>Bibliography</b>	.....	<b>43</b>

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NOTES

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# Australian Standard®

## Asphalt — A guide to good practice

### 1 Scope

This Standard sets out recommendations for the manufacture, supply and placing of asphalt, both hot mix and warm mix, for use in pavements, including the following:

- (a) Materials in the asphalt.
- (b) Asphalt properties.
- (c) Asphalt mix design.
- (d) Manufacturing, storage and delivery.
- (e) Sampling and testing.
- (f) Preparation of surfaces.
- (g) Spreading.
- (h) Compaction.
- (i) Finished surface properties.
- (j) Selection of type of asphalt.

This Standard includes typical composition and test properties for most common uses; however, this does not preclude the use of alternative components or mix properties to meet specific performance requirements.

This Standard does not include recommendations for cold mix asphalt prepared without heating or designed to be placed cold as maintenance patching material.

NOTE 1 Guidance on asphalt planning is given in [Appendix A](#).

NOTE 2 Guidance on selection of type of asphalt is given in [Appendix B](#).

NOTE 3 Guidance on principles of asphalt mix design is given in [Appendix C](#).

### 2 Normative references

There are no normative references in this document.

NOTE Documents referenced for informative purposes are listed in the Bibliography.

### 3 Terms and definitions

For the purpose of this Standard, the following terms and definitions apply.

#### 3.1 added filler

mineral matter, suitable for use in asphalt that is added to the combined aggregate of an asphalt mix

Note 1 to entry: At least 75% of the filler should be finer than 0.075 mm. The entire filler should be finer than 0.600 mm.