

AS/NZS 1906.1:2007
(Incorporating Amendment No. 1)

AS/NZS 1906.1:2007

Australian/New Zealand Standard™

Retroreflective materials and devices for road traffic control purposes

Part 1: Retroreflective sheeting



AS/NZS 1906.1:2007

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee MS-049, Retroreflective Devices. It was approved on behalf of the Council of Standards Australia on 19 January 2007 and on behalf of the Council of Standards New Zealand on 2 February 2007.

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The following are represented on Committee MS-049:

AUSTROADS

Accident Compensation Corporation, New Zealand

Australian Chamber of Commerce and Industry

Australian Industry Group

AWTA Textile Testing

Land Transport Safety Authority, New Zealand

National Association of Testing Authorities Australia

Roadmarking Industry Association of Australia

Road Safety Manufacturers Association, New Zealand

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Part 1: Retroreflective sheeting

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PREFACE

This Standard was prepared by the Joint Australia/New Zealand Committee MS-049, Retroreflective Devices and supersedes AS/NZS 1906.1:1993, *Retroreflective materials and devices for road traffic control purposes*, Part 1: *Retroreflective materials*.

This Standard incorporates Amendment No. 1 (June 2014). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

It is one of a series of Standards on retroreflective devices as follows:

AS/NZS

- 1906 Retroreflective materials and devices for road traffic control purposes
- 1906.1 Part 1: Retroreflective sheeting (this Standard)
- 1906.2 Part 2: Retroreflective devices (non-pavement application)
- 1906.4 Part 4: High visibility materials for safety garments

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- 1906 Retroreflective materials and devices for road traffic control purposes
- 1906.3 Part 3: Raised pavement markers (retroreflective and non-retroreflective)

The objective of this Standard is to provide road authorities, manufacturers and testing authorities with a uniform supply specification for retroreflective sheeting.

The following are the principal changes and additions to this edition:

- (a) Introduction of Class 1W microprismatic retroreflective sheeting.
- (b) Introduction of retroreflective sheeting specifically designed for motor vehicle number plates.
- (c) CIL and colour specification and measurement for fluorescent sheeting.
- (d) Specification of durability test exposures in terms of radiant energy received rather than by exposure time.
- (e) Revised test for performance under simulated rainfall conditions.
- (f) New informative appendix on selection and use of sheeting.

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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