

AS/NZS 2009:2006
(Incorporating Amendment No. 1)
Reconfirmed 2016

AS/NZS 2009:2006

Australian/New Zealand Standard™

**Glass beads for pavement-marking
materials**



AS/NZS 2009:2006

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CH-003, Paints and Related Materials. It was approved on behalf of the Council of Standards Australia on 10 October 2006 and on behalf of the Council of Standards New Zealand on 17 November 2006.
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Australian Industry Group
Australian Paint Approval Scheme
Australian Paint Manufacturers' Federation
Australian Pipeline Industry Association
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Engineers Australia
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This Standard was issued in draft form for comment as DR 05486.

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

RECONFIRMATION
OF
AS/NZS 2009:2006
Glass beads for pavement-marking materials

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Technical Committee CH-003 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.

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Safe Work Australia
Surface Coatings Association Australia

NOTES

Australian/New Zealand Standard™

Glass beads for pavement-marking materials

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CH-003, Paints and Related Materials, to supersede AS/NZS 2009—2002, *Glass beads for road-marking materials*.

This Standard incorporates Amendment No. 1 (December 2007). 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.

The objective of this Standard is to provide manufacturers, importers and users of glass beads for road-marking materials with a specification for the requirements applicable to glass beads.

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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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Australian/New Zealand Standard
Glass beads for pavement-marking materials

1 SCOPE

This Standard specifies material and design requirements for glass beads with retroreflective properties, which are intended for incorporation into pavement-marking materials. It applies to glass beads intended to improve the visibility of pavement-marking materials by reflecting the light from vehicle headlamps back to the driver under night-time conditions.

Sampling, testing and certification shall be in accordance with Appendices A and J.

NOTE: Additional information on the types of glass beads available for use with pavement-marking materials is given in Appendix B.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

1141 Methods for sampling and testing soil aggregates

1141.2 Method 2: Basic testing equipment

1152 Specification for test sieves

1199 Sampling procedures for inspection by attributes

2162 Verification and use of volumetric apparatus

2162.1 Part 1: General—Volumetric glassware

2700 Colour standards for general purposes

2854 Tinplate cans for general use

AS/NZS

2245 Laboratory glassware—Filter funnels

ISO/IEC 17025 General requirements for the competence of testing and calibration laboratories

BS

6088 Specification for solid glass beads for use with road marking compounds and for other industrial uses

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APAS

APAS 0042 Glass beads for pavement marking paint

DTEI

TSA 245 Materials for pavement marking

MRWA

71/06/1398 Heavy metal concentration of glass beads

QDMR

MGS 02-2006 Glass beads for use in road-marking materials

RTA

RTA 3353 Glass beads (for application to road marking materials)