

Australian/New Zealand Standard™

Paints for steel structures

Part 7: Aluminium paint



AS/NZS 3750.7:2009

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 22 May 2009 and on behalf of the Council of Standards New Zealand on 12 June 2009.

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Australian Paint Manufacturers' Federation
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Standards Committee CH-003, Paints and Related Materials to supersede AS/NZS 3750.7:1994.

The objective of this Standard is to specify requirements for aluminium paint used on steel structures. It forms part of a series of product standards for paints referred to in AS/NZS 2312, *Guide to the protection of structural steel against atmospheric corrosion by the use of protective coatings*.

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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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for a single pack bright aluminium finish paint intended to protect iron and steel against corrosion. It may be suitable for application by brush, roller or spray. This paint will provide heat reflectance and medium-term protection from corrosion to suitably primed steelwork located in an industrial atmospheric environment.

NOTES:

- 1 Appendix A contains recommendations and advice on information that should be provided by the purchaser at the time of enquiry or order.
- 2 Care should be taken that aluminium paint is not used in an acidic or caustic environment. Additional information on the use and application of aluminium paint is provided in Appendix B.
- 3 Alternative methods for determining compliance with this Standard are contained in Appendix C.

1.2 REFERENCED DOCUMENTS

A list of the documents referred to in this Standard is contained in Appendix D.

1.3 DEFINITIONS

For the purpose of this Standard, the definition below and those given in AS/NZS 2310 apply.

1.3.1 Aluminium paint

A finish coating designed to provide corrosion protection to suitably primed steel when applied to a dry film thickness of 25–35 µm per coat.

1.4 SAFETY PRECAUTIONS

As this paint is intended for industrial use, reference to the appropriate regulatory requirements is necessary, particularly for the packing and labelling of the product.

NOTE: Appendix B provides additional information on safety precautions.