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Australian Standard®

**Paints for steel structures—
Galvanized and zinc primed—Latex**



STANDARDS AUSTRALIA



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The following interests are represented on Committee CH/3:

Australasian Corrosion Association
Australian Paint Manufacturers Federation
Australian Retailers Association
Austroads
Confederation of Australian Industry
Department of Defence
Government Paint Committee
National Association of Testing Authorities, Australia
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PREFACE

This Standard was prepared by the Standards Australia Committee on Paints and Related Materials under the direction of the Chemical Standards Board. It forms part of a series of product Standards for paints that are referred to in AS 2312, *Guide to the protection of iron and steel against exterior atmospheric corrosion*.

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STANDARDS AUSTRALIA

Australian Standard

Paints for steel structures—Galvanized and zinc primed—Latex

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE This Standard specifies requirements for latex paints, intended to be used on steel in exterior industrial applications which have been suitably zinc coated, when applied by brush, roller, or air or airless spraying.

Paints specified in this Standard comply with the requirements for Paint Type 21 as described in AS 2312 and some may be suitable for use as Paint Type 11 of AS 2312. The paint may be produced in a range of colours and may be pigmented with micaceous iron oxide (MIO).

NOTES:

- 1 When used with the appropriate primer, the paint will comply with the requirements for paint systems MP2-A, MP2-B, MP2-C, MP2-D and GZLP-D described in AS 2312.
- 2 The paint may be supplied in any of the following gloss levels as defined in AS 2310—gloss, semi-gloss, low gloss or flat.
- 3 Appendix A provides recommendations on information which should be provided by the purchaser at the time of enquiry or order.
- 4 Additional information on the use and application of latex paints is contained in Appendix B.
- 5 Alternative means for determination of compliance with this Standard are given 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 definitions of AS 2310 and those below apply.

1.3.1 Commercial match A level of visual colour matching achieved when the colour of a test sample appears no different from that of the designated reference sample when the two samples, separated by a minimum of 100 mm, are viewed under normal, or otherwise specified, lighting conditions.

1.3.2 Latex paint A paint consisting essentially of pigment(s) and a binder in aqueous suspension, which is chemically inert to zinc-rich surfaces.

1.3.3 Micaceous iron oxide (MIO) paint A paint whose pigment content includes micaceous iron oxide complying with AS 2855 as a principal component, and which retains its lamellar form in the paint film.

1.4 SAFETY PRECAUTIONS As the paint is intended for industrial use, lead pigments may be present in some colours. Reference to the appropriate regulatory requirements is necessary, particularly in relation to the packaging and labelling of the product.

NOTE: Appendix B provides additional information on safety precautions.