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Australian Standard 2674—1983

PAINTS FOR STEEL STRUCTURES—EPOXY PRIMER (TWO-PACK)

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This Australian standard was prepared by Committee CH/3, Paints and Related Materials. It was approved on behalf of the Council of the Standards Association of Australia on 11 October 1983 and published on 2 December 1983.

The following interests are represented on Committee CH/3:

Australasian Corrosion Association

Australasian Zinc Development Association

Australian Paint Manufacturers Federation

Australian Retailers Association

Confederation of Australian Industry

Department of Defence

Government Paint Committee

National Association of Australian State Road Authorities

National Association of Testing Authorities, Australia

Oil and Colour Chemists Association, Australia

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AUSTRALIAN STANDARD

PAINTS FOR STEEL STRUCTURES—EPOXY PRIMER (TWO-PACK)

AS 2674—1983

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PREFACE

This standard was prepared by the Association's Committee on Paints and Related Materials, under the direction of the Chemical Standards Board. It is one of a series of product standards for the paints cross-referred to in AS 2312, Guide to the Protection of Iron and Steel against Exterior Atmospheric Corrosion.

Matters considered to be contractual in nature, i.e. subject to agreement, are not covered by the body of the standard but are referred to in Appendix A.

The standard relies essentially on product performance with specified properties for compliance; however, some compositional requirements are included.

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard for PAINTS FOR STEEL STRUCTURES—EPOXY PRIMER (TWO-PACK)

SECTION 1. SCOPE AND GENERAL

1.1 SCOPE. This standard specifies requirements for a two-component epoxy priming paint, intended to be used for the protection of iron and steel against exterior atmospheric corrosion. The paint is suitable for application by spraying (conventional air or airless). It may also be applied by roller or, for small areas, by brush.

NOTES:

1. Information required to be supplied with the purchase order is set out in Appendix A.
2. This standard does not deal with two-pack epoxy primers for steel pigmented with zinc dust. These are covered by AS 2204.

1.2 USES. Paint complying with this standard is intended to be used as a primer in paint systems for the protection of iron and steel against corrosion involving wet and damp areas, high humidity, coastal/marine and industrial fall out.

This paint complies with the provisions of Paint Reference No 6 and may be used with the appropriate intermediate and top coats in systems MP6-E and MP6-F of AS 2312.

NOTE: Additional information on the use and application of epoxy primer is given in Appendix B.

1.3 REFERENCED DOCUMENTS. A list with titles of the standards referred to in this standard is given in the Annex.

1.4 DEFINITIONS. For the purpose of this standard, the definitions given in AS 2310 and the following apply:

1.4.1 Component—the term used to describe each of two parts of the paint which, when mixed together, form a pigmented epoxy primer.

1.4.2 Paint—the mixture of the two components in the proportions recommended by the manufacturer.

1.5 SAFETY PRECAUTIONS. Epoxy paints contain epoxy resin and organic amines in chemical combinations. During mixing and application, protective clothing such as overalls and gloves should be worn to minimize skin contact (see Appendix B).

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