

Australian Standard[®]

Paints for steel structures

Part 10: Full gloss epoxy (two-pack)



This Australian Standard® was prepared by Committee CH-003, Paints and Related Materials. It was approved on behalf of the Council of Standards Australia on 19 March 2007. This Standard was published on 19 May 2008.

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 - Australian Paint Approval Scheme
 - Australian Paint Manufacturers' Federation
 - Australian Pipeline Industry Association
 - Business New Zealand
 - Engineers Australia
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-

This Standard was issued in draft form for comment as DR 04190.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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Originally as AS 2603—1983.
Revised and redesignated as AS/NZS 3750.10:1994.
Revised and redesignated as AS 3750.10—2008.

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Published by Standards Australia GPO Box 476, Sydney, NSW 2001, Australia

ISBN 0 7337 8663 4

PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee CH-003, Paints and Related Materials to supersede AS/NZS 3750.10:1994.

The objective of this Standard is to provide requirements for full gloss epoxy paint intended for use on iron and 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*.

See AS/NZS 3750.0 for other published Standards in this series.

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

**Australian Standard
Paints for steel structures****Part 10: Full gloss epoxy (two-pack)**

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for a two-component, full gloss epoxy paint for the protection of iron and steel against exterior atmospheric corrosion in a severe industrial or coastal marine environment. It is suitable for application by brush, roller or spray. Paint specified in this Standard is described in AS/NZS 2312 as Paint Reference C24.

This paint is intended for use as a topcoat in paint systems for the protection of iron and steel against corrosion involving wet and damp areas, high humidity coastal/marine and industrial fallout.

NOTES:

- 1 This paint may be used as detailed for systems EPF in AS/NZS 2312.
- 2 Appendix A contains recommendations and advice on information which should be provided by the purchaser at the time of enquiry or order.
- 3 Additional information on the use and application of epoxy paints is contained in Appendix B.
- 4 The paint is available in a range of colours.
- 5 Full gloss epoxy paints should not be used as a finish coat in exterior applications where retention of colour and gloss is required for long periods of time.

1.2 REFERENCED DOCUMENTS

A list of the documents referenced in this Standard is contained in Appendix C.

1.3 DEFINITIONS

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

1.3.1 Component

The term used to describe each of two parts of the paint, which when mixed together form the pigmented epoxy paint.

1.4 SAFETY PRECAUTIONS

Health and safety aspects referenced in Section 13 of AS/NZS 2312 should be followed in conjunction with the manufacturer's safety data sheets (MSDSs).