

Australian/New Zealand Standard™

Paints for steel structures

Part 5: Acrylic full gloss (two-pack)



AS/NZS 3750.5:2008

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 19 March 2007 and on behalf of the Council of Standards New Zealand on 3 March 2007.
This Standard was published on 19 May 2008.

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This Standard was issued in draft form for comment as DR 04189.

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Originated as AS/NZS 3750.5:1994.
Second edition 2008.

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Jointly published by Standards Australia, GPO Box 476, Sydney, NSW 2001 and Standards New Zealand, Private Bag 2439, Wellington 6020

ISBN 0 7337 8662 6

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CH-003, Paints and Related Materials to supersede AS/NZS 3750.5:1994.

The objective of this Standard is to provide requirements for two-pack acrylic full gloss 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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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for a two-component, solvent-borne full gloss acrylic paint intended to be used for the protection of iron and steel against exterior atmospheric corrosion. It is primarily designed for application by conventional air or airless spraying. It is also suitable for application to small areas by brush or roller.

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

Paint specified in this Standard is described in AS/NZS 2312 as Paint Reference No. C33 and may be used with the appropriate primer in systems ACC1 to ACC6 of AS/NZS 2312.

NOTES:

- 1 Appendix A contains recommendations and advice on information which should be provided by the purchaser at the time of enquiry or order.
- 2 Additional information on the use and application of acrylic full gloss (two-pack) paints is contained in Appendix B.
- 3 The paint is available in a range of colours.

1.2 REFERENCED DOCUMENTS

A list of the documents referred to 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 Acrylic full gloss (two-pack)

A paint consisting of a hydroxy, acid or amine-terminated acrylic base, cured with an anhydride or epoxy copolymer hardener, with appropriate pigments and solvents.

1.3.2 Component

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

1.3.3 Paint

The mixture of two components in proportions recommended by the manufacturer.

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).