

Australian Standard™

**Guide to the properties of paints for
buildings**

**Part 5: Solvent-borne—Interior—Semi-
gloss**

STANDARDS
Australia



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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 3730.5—1992, *Guide to the properties of paints for buildings, Part 5: Solvent-borne—Interior—Semi-gloss*. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this as an Australian, rather than an Australian/New Zealand Standard.

The AS 3730 series has been prepared as guides to the range of frequently used paints for buildings which are air dried and generally applied on site. These guides include features of each product type and typical product characteristics. Typical product characteristics are to be taken as a guide only and are not mandatory. Because a product is used as part only of an overall painting system, the AS 3730 guides should not be used as substitutes for detailed painting specifications from the manufacturer, based on AS/NZS 2311—2000, *Guide to the painting of buildings*. Successful specifications are based on the proven performance of the total paint system, and not on the characteristics of individual paint products.

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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FOREWORD

Interior semi-gloss solvent-borne paints characterized by this guide are suitable for use on walls and ceilings of kitchens and bathrooms in domestic dwellings and other buildings.

Interior semi-gloss solvent-borne paints are also suitable for surfaces such as doors and windows, cupboards, trim and furniture.

Interior semi-gloss solvent-borne paints produce more odour and VOC (volatile organic compounds) than latex paints. They are slower drying and will yellow with age.

Before painting, surfaces should be prepared in accordance with the manufacturer's instructions or appropriate section of AS/NZS 2311.

STANDARDS AUSTRALIA

Australian Standard Guide to the properties of paints for buildings

Part 5: Solvent-borne—Interior—Semi-gloss

1 SCOPE

This document provides a guide to the features and typical characteristics that are expected of a solvent-borne, interior semi-gloss enamel finish when applied by brush, roller or spray, in accordance with the manufacturer's instructions. Paints satisfying the requirements of this guide are equivalent to paint Type B3 of AS/NZS 2311.

2 REFERENCED DOCUMENTS

The documents referred to in this guide are listed in Appendix A.

3 DEFINITIONS

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

3.1 Approximate colour match

Occurs where the colour of the test sample appears the same as a reference sample when separated by a minimum of 100 mm and viewed under specified conditions.

NOTE: See guidance given in AS 3730.0.

4 OCCUPATIONAL HEALTH AND SAFETY

Refer manufacturer's Materials Safety Data Sheet before using these paints.

5 TYPICAL PROPERTIES AND CHARACTERISTICS

NOTE: Table 1 provides a summary of typical properties.

5.1 Composition

The paint should consist essentially of pigments, extenders, solvents, alkyd or modified alkyd binder. The product should meet the requirements of the Uniform Paint Standard issued by the National Drugs and Poisons Schedule Committee.

5.2 Conditions of test

Unless otherwise indicated, the recommendations in this guide apply to products that are tested as follows:

- (a) The test panel material is a piece of hardboard in accordance with AS/NZS 1580.104.1 which has been painted with one coat of undercoat characterized by AS 3730.14 and dried for at least 24 h. Where reference panels are required, they should be made of the same material as the test panels and should be prepared by identical methods at the same time as the test panels.
- (b) The size of test panels is as specified in Table 1 for the appropriate test method.
- (c) The method of application is by brush.
- (d) The spreading rate of the paint should be as specified by the manufacturer, typically about 16 m²/L.