

Australian Standard™

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

Part 1: Latex—Interior—Flat

STANDARDS
Australia



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 December 2005.
This Standard was published on 30 January 2006.

The following are represented on Committee CH-003:

AUSTROADS

Australian Paint Approval Scheme

Australian Paint Manufacturers Federation

Master Painters Australia

National Association of Testing Authorities Australia

Surface Coatings Association Australia

Telstra Corporation

Water Corporation Western Australia

Keeping Standards up-to-date

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about Standards can be found by visiting the Standards Web Shop at www.standards.com.au and looking up the relevant Standard in the on-line catalogue.

Alternatively, the printed Catalogue provides information current at 1 January each year, and the monthly magazine, *The Global Standard*, has a full listing of revisions and amendments published each month.

Australian Standards and other products and services developed by Standards Australia are published and distributed under contract by SAI Global, which operates the Standards Web Shop.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at mail@standards.org.au, or write to the Chief Executive, Standards Australia, GPO Box 476, Sydney, NSW 2001.

This Standard was issued in draft form for comment as DR 03595.

Australian Standard™

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

Part 1: Latex—Interior—Flat

Originally as part of AS K122-1960.
Revised and redesignated AS 3730.1-1992.
Second edition 2006.

COPYRIGHT

© Standards Australia

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher.

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

ISBN 0 7337 7196 3

PREFACE

This guide was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee CH-003, Paints and Related Materials, to supersede AS 3730.1—1992, *Guide to the properties of paints for buildings, Part 1: Latex—Interior—Flat*. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard 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.

CONTENTS

	<i>Page</i>
FOREWORD.....	4
1 SCOPE.....	5
2 REFERENCED DOCUMENTS.....	5
3 DEFINITIONS.....	5
4 OCCUPATIONAL HEALTH AND SAFETY.....	5
5 TYPICAL PROPERTIES AND CHARACTERISTICS.....	5
6 PACKAGING.....	8
7 LABELLING.....	8
APPENDIX A LIST OF REFERENCED DOCUMENTS.....	10

FOREWORD

Interior flat latex paints characterized by this guide are suitable for use on walls and ceilings in domestic dwellings, and for areas in other buildings, which do not require regular washing.

Interior flat latex paints are not suitable for surfaces such as doors, windows, cupboards, trim and furniture.

Interior flat latex paints produce little odour during application and drying. As the paint is fast drying, painted areas can be used within a few hours of application.

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

STANDARDS AUSTRALIA

Australian Standard Guide to the properties of paints for buildings

Part 1: Latex—Interior—Flat

1 SCOPE

This document provides a guide to the features and typical characteristics that are expected of an interior flat latex finish when applied by brush, roller or spray in accordance with manufacturer's recommendations. Paints satisfying the requirements of this guide are equivalent to paint Type B6 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 of AS/NZS 2311 and those below apply.

3.1 Approximate colour match

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 Appendix B of AS 3730.0 for information on colour matching.

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 and latex binder in aqueous suspension. The product should meet the requirements of the Standard for the Uniform Scheduling of Drugs and Poisons, issued by the National Drugs and Poisons Schedule Committee.

5.2 Condition of test

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

- (a) The test panel material is paper-faced plaster board, sealed with one coat of the paint under test thinned 5 percent with water, or a suitable latex undercoat characterized by AS 3730.18, 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 should be as specified in Table 1 for the appropriate test.
- (c) The method of application is by brush.