

Australian Standard[®]

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

**Part 23: Latex—Wallboard and
masonry sealer**

This Australian Standard was prepared by Committee CH/3, Paints and Related Materials, by Committee CH/3/2, Architectural Paints. It was approved on behalf of the Council of Standards Australia on 3 November 1992 and published on 17 May 1993.

The following interests are represented on Committee CH/3/2:

Australian Paint Manufacturers Federation
Bureau of Steel Manufacturers of Australia
Government Paint Committee
Surface Coatings Association, Australia

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PREFACE

This guide was prepared by the Standards Australia Committee on Paints and Related Materials to augment the range of Standards dealing with paints for buildings.

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. These product characteristics are to be taken as a guide only, i.e. it is not mandatory for a product to have those characteristics. 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 2311—1987 *The painting of buildings* or NATSPEC Section 570, *Painting*. Successful specifications are based on the proved performance of the total paint system, and not on the characteristics of individual paint products.

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STANDARDS AUSTRALIA

Australian Standard

Guide to the properties of paints for buildings

Part 23: Latex—Wallboard and masonry sealer

1 SCOPE This guide describes the features and typical characteristics that are expected of a latex sealer for interior use on wallboard and masonry, when applied by brush, roller or spray in accordance with the manufacturer's instructions.

Paints covered by this Standard are classified as paint Type 16 of AS 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 2310 and those below apply.

3.1 Frying—undesirable wrinkling and crazing caused by the interaction of the solvent component of a topcoat which has been applied to an insufficiently-cured previous coating.

3.2 Working up—any lifting, mixing, dissolution, incorporation or other interaction observed between two paint films during or after the application of the overlying film.

NOTE: Such interaction is indicative of deterioration of the underlying coating during its curing period, especially if insufficient time has been allowed between coating applications (see also Clause 4.5.2).

4 TYPICAL PROPERTIES AND CHARACTERISTICS

NOTE: Table 1 provides a summary of typical properties.

4.1 Composition The sealer should consist essentially of pigments, extenders and latex or modified latex binders in aqueous suspension. The product should meet the requirements of the Uniform Paint Standard issued by the National Health and Medical Research Council.

4.2 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 paper-faced plasterboard. Where reference panels are required, they should be composed of the same material and 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 for test purposes is by brush.
- (d) The spreading rate of the sealer should be as specified by the manufacturer, typically in the region of 14 m²/L.
- (e) Environmental conditions for testing are in accordance with AS 1580.101.5.
- (f) Environmental conditions for air-drying are in accordance with AS 1580.101.1.

NOTE: See AS 3730.0 for information on the testing of paints for quality control during manufacture.