



**Adhesives—For bonding gypsum
plaster linings to wood and metal
framing members**



AS 2753:2018

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- Association of Wall and Ceiling Industries of Australia
- Australian Chamber of Commerce and Industry
- Australian Paint Manufacturers Federation
- Gypsum Board Manufacturers of Australasia
- Housing Industry Association

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Preface

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee BD-011, Interior Board Linings, to supersede AS 2753—1985, *Adhesives — Mastic — For bonding gypsum linings to wood and metal framing members*.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Standard is to specify requirements for adhesives intended for bonding gypsum plaster linings to timber and metal framing members.

Test requirements and test methods for the adhesive used for the application of all thicknesses of gypsum linings are also covered. The specification provides a basis for ensuring the quality of adhesives. In service compatibility of the adhesive with metal framing material has been covered by including a pH requirement.

The changes in this edition are as follows:

- (a) Expanding the scope, performance requirements and testing methods to cover all adhesives suitable for installation of gypsum linings in accordance with AS/NZS 2589.
- (b) Updated references to and requirements for timber and metal framing test specimens.
- (c) Improvements in test methods.

Statements expressed in mandatory terms in notes to tables are deemed to be requirements of this Standard.

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 adhesives intended for bonding the back surface of gypsum plasterboard or fibre-reinforced gypsum plaster sheet (together gypsum linings) to timber framing members and to metal framing members comprising zinc and zinc alloy coated steel.

1.2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document.

AS 1157.1, *Methods of testing materials for resistance to fungal growth, Part 1: General principles of testing*

AS 1157.10, *Methods of testing materials for resistance to fungal growth, Part 10: Resistance of dried or cured adhesives and glues to fungal growth*

AS 1321.7, *Methods for sampling and testing adhesives, Part 7: pH value of aqueous extracts of uncured adhesives and of their components, and of cured adhesive films*

AS 1397, *Continuous hot-dip metallic coated steel sheet and strip — Coatings of zinc and zinc alloyed with aluminium and magnesium*

AS 1720.2, *Timber structures, Part 2: Timber properties*

AS 2193, *Calibration and classification of force-measuring systems*

AS 2754.2, *Adhesives for timber and timber products, Part 2: Polymer emulsion adhesives*

AS/NZS 1604.1, *Specification for preservative treatment — Sawn and round timber*

AS/NZS 2269.0, *Plywood — Structural, Part 0: Specifications*

AS/NZS 2588, *Gypsum plasterboard*

AS/NZS 2589, *Gypsum linings — Application and finishing*

NZS 3602, *Timber and wood-based products for use in building*

NZS 3640, *Chemical preservation of round and sawn timber*

1.3 Definitions

For the purpose of this Standard, the following definitions apply:

1.3.1

framing member

1.3.1.1

timber

timber as used in framing in accordance with NZS 3602 or AS 1720