

Australian/New Zealand Standard™

Glossary of paint and painting terms

AS/NZS 2310:2002

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 21 June 2002 and on behalf of the Council of Standards New Zealand on 24 July 2002. It was published on 12 August 2002.

The following are represented on Committee CH-003:

AUSTROADS

Australian Paint Approval Scheme
Australian Paint Manufacturers Federation
Building Research Association of New Zealand
Institution of Professional Engineers New Zealand
Master Painters Australia
National Association of Testing Authorities Australia
New Zealand Abrasive Blasting Association
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New Zealand Painting Contractors Association
Surface Coatings Association Australia
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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

RECONFIRMATION
OF
AS/NZS 2310:2002
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Australian Institute of Building
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Australian Wall and Ceiling Association
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Institution of Professional Engineers New Zealand
Master Painters Australia
Master Painters New Zealand Association
National Painting and Decorating Institute
Safe Work Australia
Surface Coatings Association Australia

NOTES

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CH-003, Paints and Related Material, to supersede AS/NZS 2310:1995.

Definitions include terms dealing with paint types, paint materials, paint characteristics, paint defects, the application of paints and other relevant aspects of paint technology.

The objective of the Standard is to provide a better understanding of the terminology used in the paint industry, for the use of those involved in the manufacture, supply, purchase and use of paint, and those involved in the writing of Standards for paints and the framing of painting specifications.

During the preparation of this Standard, account was taken of definitions given in ISO 4618:1998, *Paints and varnishes—Terms and definitions for coating materials*, Part 1: *General terms*, Part 2: *Special terms relating to paint characteristics and properties*, Part 3: *Surface preparation and methods of application*, and Part 4: *Terms relating to raw materials*. Terms that are the same as ISO definitions are marked with (*). Terms marked with a dagger (†) indicate accepted Australian definitions, which have been adopted where the ISO definitions were considered inappropriate or less definitive. Terms that are preferred for general usage have been highlighted in bold print. Some alternative terms that are not preferred have also been listed, but are not highlighted in bold print.

It should be pointed out that this Standard does not include many commonly used terms that are not specific to the paint industry. For such words, reference should be made to *The Macquarie Dictionary*.

Appendix A includes a list of all referenced documents.

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

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Terms	Definitions
abrasive blast-cleaning*	The impingement of a high-kinetic-energy stream of a blast-cleaning abrasive on the surface to be prepared.
accelerated weathering	The process of evaluating products to obtain information on durability and performance more quickly than by in-service testing. NOTE: Examples of accelerated weathering include the use of inclined panels, Tator panels, and artificial weathering.
accelerator	See catalyst
acrylic paint	Paint manufactured with acrylic resins as the main binder, which may be of latex or solvent-borne type.
acrylic resin	Synthetic resin resulting from the polymerization or copolymerization of various acrylate or methacrylate monomers, with no more than minor quantities of other monomers.†
activator	See catalyst
additive*	Any substance, added in small quantities to a coating material, to improve or modify one or more properties.
adhesion/adhesive strength	The sum total of the forces of attachment between a dry film and its substrate.* NOTES: 1 The substrate may be bare or already painted. 2 Refer to the AS 1580 series of tests for assessment of adhesion.
aeration	Incorporation of bubbles of air in paint during stirring, shaking or application.
ageing*	The irreversible changes in the properties of a film, which occur with the passage of time.* NOTE: For liquid paints, <i>see also</i> shelf life.
air drying	The formation of a solid paint film from a liquid paint film under natural ambient conditions.
airless spraying	Application of paint by means of equipment consisting of fluid pump, hose and spray nozzle to produce atomization of the paint without the use of compressed air or other propellant (<i>see also</i> spraying). NOTE: Refer to AS 1580.205.4 for assessment of airless spraying properties.