

Australian Standard[®]

Skylights



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The following are represented on Committee BD-075:

- Australian Industry Group
 - Australian Window Association
 - CSIRO Manufacturing and Materials Technology
 - Master Builders Australia
 - National Association of Testing Authorities Australia (NATA)
 - Plastics and Chemicals Industry Association
 - Skylight Industry Association of Australia
 - University of Technology, Sydney
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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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AS 4285—2007

Australian Standard[®]

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PREFACE

This Standard was prepared by the Standards Australia Committee BD-075, Skylights, to supersede AS 4285—1995.

The Standard was proposed by the Skylight Industry Association to cover areas of product performance, safety, design, construction and maintenance. Installation requirements, test conditions and procedures have also been addressed. The Standard is aimed at factory-manufactured skylight assemblies and their components.

The objective of this Standard is to provide the manufacturers and users of skylights with specifications covering the construction and performance of such skylights for use in building applications.

The changes to previous edition of this Standard comprise the following:

- (a) Modification of ‘Scope and General’—
 - (i) clarifying scope, application and limitations;
 - (ii) requirements for new designs and innovation; and
 - (iii) new definitions.
- (b) Addressing new materials used in manufacturing skylights.
- (c) Addressing issues related to the construction of skylight assemblies—
 - (i) fabricated metal bases;
 - (ii) glazing;
 - (iii) ventilation; and
 - (iv) bushfire-prone area.
- (d) New section for ‘Cleaning and Maintenance’—
 - (i) cleaning and maintenance of base components;
 - (ii) cleaning and maintenance of mechanical components, timber and glass; and
 - (iii) cleaning and maintenance of polymer surface.
- (d) Inclusion of commentary to some clauses.
- (e) New ‘Informative’ appendix for—
 - (i) size of skylights; and
 - (ii) skylights shaft or lightwell.

This Standard incorporates commentary on some of the clauses. The commentary directly follows the relevant clause, is designated by ‘C’ preceding the clause number and is printed in *italics* in a box. The commentary is for information only and does not need to be followed for compliance with the Standard.

Notes to the text contain information and guidance. They are not an integral part of the Standard.

Illustrations in this Standard are purely diagrammatic and are intended to show functional requirements only, not methods of construction.

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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