

AS 4085—1992

Australian Standard<sup>®</sup>

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**Automatic sliding door assemblies**

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This Australian Standard was prepared by Committee BD/55, Automatic Sliding Door Assemblies. It was approved on behalf of the Council of Standards Australia on 25 September 1992 and published on 14 December 1992.

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The following interests are represented on Committee BD/55:

Australian Assembly of Fire Authorities  
Australian Auto-Door Industry Forum  
Australian Uniform Building Regulations Coordinating Council  
Australian Institute of Building Surveyors  
Australian Shopfitters Association  
Metal Trades Industry Association

Additional interests participating in preparation of Standard:

Standards New Zealand

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## PREFACE

This Standard was prepared by the Standards Australia Committee on Automatic Sliding Door Assemblies, following submissions from the industry concerned and regulatory authorities.

The primary purpose of the Standard is to provide minimum performance requirements aimed at ensuring the safety of ingress and egress traffic under normal operating conditions and to maintain that safety under certain abnormal and emergency situations.

A secondary but no less important purpose is to set minimum quality levels for components, fabrication and installation so that the entire assembly will not only perform satisfactorily when initially installed but, with due maintenance, will continue to do so during the assembly's intended service life.

This is the first Australian Standard devoted specifically to this subject. The Committee limited its considerations to the most frequently encountered situations and attention is drawn to Clause 1.2 in this regard.

In the preparation of this Standard, cognizance was taken of current building practices and technology. Reference was made to ANSI A156.10–1979, *American National Standard for power operated pedestrian doors*, BS 7036–1988, British Standard Code of Practice for *Provision and installation of safety devices for automatic power operated pedestrian door systems*; and Australian Standards AS 1735.2–1986 *SAA Lift Code, Part 2: Passenger and goods lifts – Electric*, and AS 1428, *Design for access and mobility*, and acknowledgment is hereby made of this source material.

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