

Australian Standard™

Gate units for private swimming pools



This Australian Standard was prepared by Committee CS/34, Safety of Private Swimming Pools. It was approved on behalf of the Council of Standards Australia on 12 March 1993 and published on 26 July 1993.

The following interests are represented on Committee CS/34:

Australian chamber of Commerce and Industry

Australian Chamber of Manufactures

Australian Uniform Building Regulations Coordinating Council

Child Accident Prevention Foundation of Australia

Department of Housing, Local Government and Planning, Queensland

Department of Local Government and Co-operatives, N.S.W.

Fence Industry Association of Australia

Health Department, Western Australia

Metal Trades Industry Association of Australia

National Injury Surveillance Unit

National Safety Council of Australia (S.A. Division)

Office of Planning and Urban Development, South Australia

Pool; Fencing Action Group, N.S.W.

Pool Owners Objection Lobby, Queensland

Swimming Pool and Spa Association of Australia

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PREFACE

This Standard was prepared by the Standards Australia Committee on Safety of Private Swimming Pools to supersede AS 2820—1985, *Gate units for private swimming pools*.

This Standard incorporates Amendment No. 1 (April 2000). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure, or part thereof affected.

It was decided that the gate unit was the most critical part of a pool fence and the one that gave the most problems in practice. This Standard has been prepared for gate units rather than individual fencing components.

This Standard is intended for use by manufacturers who are seeking certification that their products comply with this Standard. It relates to the assessment of gate units in factories or test houses.

This edition incorporates the following major changes from the previous edition:

- (a) Amendment to the requirements for perforated material or mesh.
- (b) Inclusion of a test for flexible materials.

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STANDARDS AUSTRALIA

Australian Standard

Gate units for private swimming pools

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE This Standard sets out requirements for the design, construction and performance of gate units intended to be installed as part of a fence which complies with the requirements of AS 1926.1, which will restrict the access of young children to private swimming pools.

1.2 APPLICATION This Standard is applicable to gate units which are supplied as a complete set. It is not applicable to individual components such as latches or hinges which are supplied separately.

1.3 REFERENCED DOCUMENTS The following documents are referred to in this Standard:

AS

1926 Swimming pool safety

1926.1 Part 1: Fences and gates for private swimming pools

1.4 DEFINITIONS For the purpose of this Standard, the definitions below apply:

1.4.1 Fence—the assembly of components, natural or otherwise, which forms the intended barrier to the pool, exclusive of gates or doorsets. The fence includes posts and panels, constructed or natural walls, sides of buildings, child-resistant windows, balustrades on a balcony where they form part of the intended barrier.

1.4.2 Fencing—the fence and associated gate or gates, or doorsets.

1.4.3 Gate—any portion of the fencing other than a child-resistant doorset that is designed to provide an access way through the intended barrier.

1.4.4 Gate unit—an assembly comprising a gate, a hinge post, a latching post, a latching device, hinges and an automatic closing device.

1.4.5 Inside of the fencing—that side of a fence or gate facing the pool area.

1.4.6 Outside of the fencing—that side of a fence or gate which faces away from the pool area.

1.4.7 Swimming pool—any excavation or structure containing water to a depth greater than 300 mm and used primarily for swimming, wading, paddling, or the like, including a bathing or wading pool, or spa.

1.4.8 Young child—a child under the age of 5 years.

1.5 INSTRUCTIONS Gate units shall be supplied with a set of written instructions as follows:

- (a) Installation instructions which include all necessary information including foundation requirements to allow erection of the gate unit as part of a fence complying with AS 1926.1.
- (b) Parts list and exploded diagram showing all of the components supplied.

- (c) Maintenance instructions including any special requirements for maintaining the latching mechanism and hinges.
- (d) A statement explaining the need to keep the automatic closing device properly adjusted.
- (e) A statement that the gate must swing outwards, away from the pool area.

1.6 MARKING Each gate unit shall be clearly and permanently marked on at least one of the gate posts or on the gate or on some other component of the gate unit with the registered trademark or the name and address of the manufacturer.

The following methods of marking are acceptable:

- (a) Self-adhesive metallized label which cannot be removed without the use of a tool such as a scraper.
- (b) Metal plate secured by rivets.
- (c) Stamping or moulding of the information into a component.

NOTE: Manufacturers making a statement of compliance with this Australian Standard on a product, packaging, or promotional material related to that product are advised to ensure that such compliance is capable of being verified.