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Australian Standard 1795, Part 2—1983

SHEETS AND BOARDS FOR ELECTRICAL PURPOSES Part 2—DIMENSIONS OF SWITCHBOARD PANELS



STANDARDS ASSOCIATION OF AUSTRALIA
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The following interests are represented on Committee EL/4:

Association of Consulting Engineers Australia
Australian Electrical and Electronic Manufacturers Association
Confederation of Australian Industries
Department of Defence Support
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Metropolitan Water Sewerage and Drainage Board, Sydney

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AUSTRALIAN STANDARD

**SHEETS AND BOARDS
FOR ELECTRICAL PURPOSES**

Part 2

**DIMENSIONS OF
SWITCHBOARD PANELS**

AS 1795, Part 2—1983

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PREFACE

This edition of the standard was prepared by the Association's Committee on Electrical Accessories to supersede AS 1795, Part 2—1975.

The principal object of the standard is to establish a rationalized range of metric panel sizes suitable for use as switchboard panels with a view to reducing wastage of materials in cutting, and to assist design engineers in selecting panels of a readily procurable size. Tolerances on overall dimensions have been included to ensure uniformity in production and ease of replacement of panels.

This standard only specifies the dimensional aspects of the panels, the electrical and mechanical requirements being specified in AS 1795, Part 1.

The basis for the sizes specified in this standard is as follows:

- (a) Thickness—based on the preferred number series R 10.
- (b) Width and length—based on the multiples 300 mm, 100 mm and 50 mm, specified for the coordination of preferred dimensions in buildings contained in AS 1233 and AS 1234.

In this edition the terms 'laminated' and 'composite' have been deleted from the title of the 1975 edition, as they were considered too restricting. Updating of references has also been undertaken.

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