

AS/NZS 3678:1996

Australian/New Zealand Standard<sup>®</sup>

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**Structural steel—Hot-rolled plates,  
floorplates and slabs**

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Australian Chamber of Commerce and Industry  
AUSTROADS  
Bureau of Steel Manufacturers of Australia  
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Metal Trades Industry Association of Australia  
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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee BD/23 on Structural Steel to supersede AS 3678—1990.

The objective of this Standard is to specify requirements for hot-rolled plates, floorplates and slabs for general structural and engineering applications.

This edition incorporates Amendment No. 1 and the following major changes:

- (a) Addition of new grade 450.
- (b) 'Freedom from defects' and 'Removal of surface defects' clauses have been deleted and replaced with new 'Freedom from defects' clause based on the following international Standards:
  - (i) ISO 7788: 1985, *Steel—Surface finish of hot-rolled plates and wide flats—Delivery requirements*.
  - (ii) EN 10163: 1991, *Delivery requirements for surface condition of hot-rolled steel plates, wide flats and sections*, Part 1: *General requirements* and Part 2: *Plates and wide flats*.
- (c) Provision is made for impact tests on plate thicknesses less than 8 mm using full thickness test piece.
- (d) Appendix B is updated.

The term 'informative' has been used in this Standard to define the application of the appendix to which it applies. An 'informative' appendix is only for information and guidance.

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