

AS 1085.12—1999

Australian Standard™

**Railway permanent way material**

**Part 12: Insulated joint assemblies**

This Australian Standard was prepared by Committee CE/2, Railway Permanent Way Material. It was approved on behalf of the Council of Standards Australia on 16 April 1999 and published on 5 July 1999.

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The following interests are represented on Committee CE/2:

Australasian Railway Association

Australian Chamber of Commerce and Industry

Australian Chamber of Manufactures

Bureau of Steel Manufacturers of Australia

Rail Track Association Australia

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**Part 12: Insulated joint assemblies**

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## PREFACE

This Standard was prepared by the Standards Australia Committee CE/2, Railway Permanent Way Materials, as a revision of AS 1085.12—1987, *Railway permanent way material*, Part 12: *Glued insulation joint assemblies*.

The objective of this Standard is to provide manufacturers, specifiers and purchasers with performance requirements for insulated joints for use in railway track.

Significant alterations to the previous edition include the following:

- (a) Field-assembled and factory-assembled joints are covered.
- (b) Two joint grades are included with performance requirements and pass criteria for tests.
- (c) Rail end head hardness tests and pass criteria for factory-assembled joints.
- (d) Information on proving conformance.

In addition, changes have been made to this Standard's style, format and expression to reflect current Standards Australia practice.

The two joint grades have been introduced to separate a joint's performance characteristics from its type of construction so that innovation is not stifled. Grade A would generally be for factory-assembled bonded joints, but if the performance requirements were satisfied, Grade A could include a high performance field joint. Also a reduced performance factory-assembled bonded joint might be classed as Grade B.

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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