

Australian/New Zealand Standard™

Occupational protective footwear

**Part 5: Specification for occupational
footwear (ISO 20347:2004, MOD)**



AS/NZS 2210.5:2009

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee SF-003, Occupational Protective Footwear. It was approved on behalf of the Council of Standards Australia on 16 June 2009 and on behalf of the Council of Standards New Zealand on 26 June 2009.

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The following are represented on Committee SF-003:

Association of Accredited Certification Bodies
Australasian Fire Authorities Council
Australian Chamber of Commerce and Industry
Australian Industry Group
Department of Defence (Australia)
Footwear Manufacturers Association of Australia
New Zealand Footwear Industry Association
New Zealand Leather & Shoe Research Association
Plastics and Chemicals Industries Association
Testing Interests (Australia)

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF-003, Occupational Protective Footwear, to supersede AS/NZS 2210.2:2000, *Occupational protective footwear, Part 2: Requirements and test methods* (in part) as well as AS/NZS 2210.5:2000, *Occupational protective footwear, Part 5: Specification for occupational footwear* and AS/NZS 2210.9:2001, *Occupational protective footwear Part 9: Additional specifications for occupational footwear*.

This Standard has been adopted with national modifications and has been reproduced from the International Standard ISO 20347:2004, ISO 20347:2004/Cor.1:2005, ISO 20347:2004/Cor.2:2006 and ISO 20347:2004/Amdt 1:2007, *Personal protective equipment—Occupational footwear* and has been varied as indicated in Appendices ZZ and ZA to take into account of Australia and New Zealand conditions. The Corrigenda and Amendment have been added after the source text.

The objective of this Standard is to provide manufacturers and users with requirements for footwear intended for use in workplace applications.

The objective of this revision is to adopt the current edition of ISO 20347. As this Standard is reproduced from an international standard, the following applies:

- (a) Its number appears on the cover and title page while the international standard number appears only on the cover.
- (b) In the source text ‘this European Standard’ should read ‘this Australian/New Zealand Standard’.
- (c) A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

<i>Reference to International Standard</i>	<i>Australian/New Zealand Standard</i>
EN ISO	AS/NZS
20344 Personal protective equipment—Test methods for footwear (ISO 20344:2004)	2210 Occupational protective footwear 2210.2 Part 2: Test methods

NOTE: Any international Standards not listed have not been adopted as Australian or Australian/New Zealand Standards.

Guidance for the selection, care and use of protective footwear is not covered by this Standard but is provided in AS/NZS 2210.1, *Occupational protective footwear, Part 1: Guide to selection, care and use*.

The terms ‘normative’ and ‘informative’ are used to define the application of the annex or appendix to which they apply. A normative annex or appendix is an integral part of a standard, whereas an informative annex or appendix is only for information and guidance.

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AUSTRALIAN/NEW ZEALAND STANDARD

Occupational protective footwear

Part 5:

Specification for protective footwear (ISO 20347:2004, MOD)

1 Scope

This European Standard specifies basic and additional (optional) requirements for occupational footwear.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 12568: 1998, *Foot and leg protectors – Requirements and test methods for toecaps and metal penetration resistant inserts*

EN ISO 20344:2004, *Personal protective equipment - Test methods for footwear (ISO 20344:2004)*

3 Terms and definitions

For the purposes of this standard, the following terms and definitions apply.

NOTE The component parts of footwear are illustrated in figures 1 and 2.

3.1**occupational footwear**

footwear, incorporating protective features to protect the wearer from injuries which could arise through accidents

3.2**leather****3.2.1****full grain leather**

hide or skin tanned to be imputrescible having conserved the totality of its grain

3.2.2**corrected grain leather**

hide or skin tanned to be imputrescible which has been subjected to mechanical buffing to modify its grain structure

3.2.3**leather split**

flesh or middle part of a hide or skintanned to be imputrescible obtained by splitting a thick leather

3.3**rubber**

vulcanized elastomers

3.4**polymeric materials**

for example polyurethane or polyvinylchloride