

Australian Standard®

**Complete, filled transport packages—
Methods of test****Method 12: Water-spray test**

PREFACE

This Standard was prepared by Standards Australia Committee PK-012, Physical Testing of Packages and Containers, as an additional part to the AS 2582 series of test methods. It is identical with and has been reproduced from ISO 2875:2000, *Packaging—Complete, filled transport packages and unit loads—Water-spray test*.

As this Standard is reproduced from an International Standard, the following modifications apply:

- (a) Its number does not appear on each page of text and its identity is shown on the cover and title page.
- (b) In the source text, ‘this International Standard’ should read ‘this Australian 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 equivalent Australian Standards as follows:

<i>Reference to International Standard</i>		<i>Australian Standard</i>	
ISO		AS	
2206	Packaging—Complete, filled transport packages—Identification of parts when testing	2582	Complete, filled transport packages—Methods of test
		2582.1	Method 1: Identification of parts when testing
2233	Packaging—Complete, filled transport packages and unit loads—Conditioning for testing	2582.2	Method 2: Conditioning for testing

1 Scope

This International Standard specifies a method for testing the resistance of a complete, filled transport package or a unit load to water spray or the protection it gives to its contents from water spray. It may also be used to precondition a complete, filled transport package or a unit load prior to another test to investigate reduction in strength caused by exposure to water.

The test is performed on the test specimen as prepared for transport and may form part of a test sequence.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 2206, *Packaging — Complete, filled transport packages — Identification of parts when testing*.

ISO 2233, *Packaging — Complete, filled transport packages and unit loads — Conditioning for testing*.

3 Term and definition

For the purposes of this International Standard, the following term and definition applies.

3.1

test specimen

a complete, filled transport package or unit load

4 Principle

The test specimen is placed in a test area and its top surface sprayed with water maintained at a constant temperature at a specified rate for a specified period. Each area of the surface is sprayed either continuously (method A) or intermittently (method B).