

Australian Standard™

**Specification for general purpose
corrugated fibreboard boxes and blanks**

STANDARDS
Australia



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Australian Paints Manufacturer's Federation
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PREFACE

This Standard was prepared by the Standards Australia Committee PK-025, Packaging Code to supersede AS 3537—1988, *Specification for general purpose corrugated fibreboard boxes and blanks*.

The objective of this edition is to revise the requirements for hygiene and carrying capacity in corrugated fibreboard boxes and blanks.

This Standard specifies those aspects of box construction that are common to most types of fibreboard box. Thus it will be possible for those preparing box Standards or purchase specifications to refer to this document rather than repeating the information for each Standard or specification. This Standard includes the requirements of manufacturing tolerances for blanks, creases and slot dimensions and descriptions of manufacturers' joints.

The Standard may be used to provide much of the information needed in specifying a box. However, a complete specification of a box to be used for a specific purpose (e.g. dangerous goods or export of primary produce) may need to include additional information or may have other requirements as agreed between the purchaser and supplier.

CONTENTS

	<i>Page</i>
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE	4
1.2 REFERENCED DOCUMENTS	4
1.3 DEFINITIONS	4
SECTION 2 GENERAL REQUIREMENTS FOR CORRUGATED FIBREBOARD BOXES AND BLANKS	
2.1 SCOPE	5
2.2 BOX TYPES	5
2.3 FIBREBOARD	5
2.4 HYGIENE REQUIREMENTS	5
2.5 MARKING AND IDENTIFICATION	5
2.6 CARRYING CAPACITY	5
2.7 THICKNESS	5
2.8 WARP	5
2.9 MEASUREMENT OF SLOTTED BOXES	6
2.10 AIR FLOW RESISTANCE ACCORDING TO GURTEL	6
SECTION 3 GENERAL SPECIFICATIONS FOR CORRUGATED FIBREBOARD BOXES AND BLANKS USED IN NON-MECHANIZED APPLICATIONS	
3.1 SCOPE OF SECTION	7
3.2 COMPLIANCE WITH SPECIFICATIONS	7
3.3 APPEARANCE	7
3.4 TOLERANCES	7
3.5 CORRUGATED GLUE BOND STRENGTH	8
3.6 SCORING	8
3.7 SLOTTING	8
3.8 PRINTING	8
3.9 DIE-CUTTING AND DIE CREASING	9
3.10 MANUFACTURER'S JOINT	9
SECTION 4 ADDITIONAL SPECIFICATIONS FOR CORRUGATED FIBREBOARD BOXES AND BLANKS USED IN THE MAJORITY OF AUTOMATIC FORMING, FILLING AND SEALING APPLICATIONS	
4.1 SCOPE OF SECTION	11
4.2 GENERAL	11
4.3 REQUIREMENTS FOR SINGLE-WALL CORRUGATED FIBREBOARD BOXES AND BLANKS FOR USE IN PACKAGING MACHINES	11

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies manufacturing tolerances for boxes and blanks made of corrugated fibreboard and establishes the minimum level of quality to be expected. It includes—

- (a) general specification for boxes and blanks used in non-mechanized applications; and
- (b) additional specifications for boxes and blanks used in the majority of mechanized forming, filling or sealing applications.

This Standard does not cover any negotiated level of quality; a level that is tailored to specific applications and which may involve special processes and/or controls. Such specifications should be negotiated directly between the box maker, purchaser and machine supplier.

1.2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

1048	International fibreboard box code
1301	Methods of test for pulp and paper
1301.420s	Method 420s: Gurly air permeance of paper
2400	Packaging
2400.1	Part 1: Glossary of packaging terms
2400.6	Part 6: Paper and paperboard
2582	Complete, filled transport packages— Methods of test
2582.1	Part 1: Identification of parts when testing
2609	Methods for assessing modifications to the flavour of food stuffs due to packaging
2609.1	Method 1: Sensory analysis
2609.2	Method 2: Instrumental methods
AS/NZS	
1301	Methods of test for pulp and paper
1301.426s	Method 426s: Determination of thickness and apparent bulk density or apparent sheet density
1301.430s	Method 430s: Liner adhesion of corrugated board

1.3 DEFINITIONS

For the purpose of this Standard, the definitions given in AS 2400.1 apply.