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## CLASSIFICATION SYSTEM FOR CORRUGATED AND SOLID FIBREBOARD



**STANDARDS ASSOCIATION OF AUSTRALIA**  
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This Australian standard was prepared by Committee PK/5, Fibreboard Boxes. It was approved on behalf of the Council of the Standards Association of Australia on 22 October 1985 and published on 6 January 1986.

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Australasian Steamship Owners Federation  
Australian Canners Association  
Australian Chamber of Shipping  
Australian Institute of Packaging  
Australian Paint Manufacturers Federation  
Confederation of Australian Industry  
Council of Australian Food Technology Associations  
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*This standard was issued in draft form for comment as DR 85106.*

AUSTRALIAN STANDARD

# CLASSIFICATION SYSTEM FOR CORRUGATED AND SOLID FIBREBOARD

AS 2838—1986

~~[In TAS Jan 1986 as superseding AS 1520 - 1976.  
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## PREFACE

This standard was prepared by the Association's Committee on Fibreboard Boxes under the direction of the Packaging Standards Board.

The standard has been designed to enable the industry to describe and classify fibreboard in a uniform manner related to its performance characteristics.

Attention is drawn to the fact that the test procedures available for the products described in this standard are such that the test results obtained are indicative of, but do not always relate directly to, the performance of the product. It is therefore necessary to combine generally acceptable specification limits with a mandatory sampling procedure in order to ensure that the product specified is adequately described. The use of sampling plans other than the one prescribed herein could result either in the acceptance of an unsuitable product or the rejection of an adequate one. Both specification limits and sampling plan have been chosen on the basis of the best information currently available.

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# STANDARDS ASSOCIATION OF AUSTRALIA

## Australian Standard

for

### CLASSIFICATION SYSTEM FOR CORRUGATED AND SOLID FIBREBOARD

#### SECTION 1. SCOPE AND GENERAL

**1.1 SCOPE.** This standard sets out a system for classifying corrugated or solid fibreboard. Requirements are laid down for levels of each physical property relevant to the fibreboard. Physical properties of the fibreboard are described by using a multi-character system. Each character indicates the level of one relevant property.

**1.2 REFERENCED DOCUMENTS.** The following standards are referred to in this standard:

AS 1301	Methods of Test for Pulp and Paper
P405s-79	Grammage of Non-creped Paper and Board
P411s-80	Water Absorptiveness of Paper and Paperboard (Cobb Test)
P414m-73	Conditioning of Paper for Testing
P415m-86	Standard Atmosphere for Paper Testing
P429ts-73	Flat Crush Resistance of Corrugated Fibreboard

P438rp-73 Bursting Strength of Paperboard and Corrugated Fibreboard

P442s-77 Water Absorption (Total Immersion) of Solid Fibreboard

P444rp-78 Edgewise Compression Resistance of Corrugated Fibreboard

AS 2400 SAA Packaging Code

Part 1—Glossary of Packaging Terms

**1.3 DEFINITIONS.** For the purpose of this standard, the definitions given in AS 2400.1 apply and the following definition:

*Item*—an object or a defined quantity of material on which an observation or a measurement may be made, i.e. sheets, blanks or boxes.

**1.4 SAMPLING.** Where samples for verification testing are required, they shall be taken at a point and time of delivery agreed on between the user and the supplier.