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PLYWOOD AND BLOCKBOARD FOR EXTERIOR USE

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THE FOLLOWING SCIENTIFIC, INDUSTRIAL AND GOVERNMENTAL organizations and departments were officially represented on the committee entrusted with the preparation of this standard:

Australian Council of Furniture Manufacturers

Australian Institute of Building

Commonwealth and State Forestry Departments

Confederation of Australian Industry

CSIRO, Division of Building Research

Department of Defence

Department of Transport

Lending Institutions

Plywood Association of Australia

Railways of Australia Committee

Royal Australian Institute of Architects

Sawmilling and Timber Associations

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AUSTRALIAN STANDARD

PLYWOOD AND BLOCKBOARD FOR EXTERIOR USE

AS 2271—1979

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PREFACE

This standard was prepared by the Association's Committee on Plywood as a revision, metrication and consolidation of AS O87—1963, Plywood for Exterior Use, and AS O105—1969, Blockboard for General Purposes, both of which it accordingly supersedes.

Plywood and blockboard manufactured to this standard are intended for uses where they are exposed to weather or damp conditions; such uses include cladding or exterior door skins and may require consideration of treatment with preservatives.

Blockboard is not intended for use in flush doors with blockboard infill, which are covered by AS 1908, Timber Doorsets.

This standard specifies the basic minimum quality of six appearance grades of exterior plywood. Three appearance grades of face veneer are specified which may be combined with either of two specified grades of back veneer.

Plywoods manufactured with the lower quality back veneer are intended for uses such as wall panelling where the reduced quality of the back veneer does not affect serviceability.

The standard also deals with three appearance grades of blockboard and one grade of coreplate.

Sheets may be contoured, grooved, prefinished, overlaid or joined into larger sheets to suit individual needs.

Plywood and blockboard for interior use are specified in AS 2270; structural plywood is specified in AS 2269.

This standard requires reference to the following Australian standards:

AS 1080	Methods of Test for Timber Part 1—Moisture Content
AS 1148	Nomenclature of Commercial Timbers Imported into Australia
AS 1604	Preservative-treated Sawn Timber, Veneer and Plywood
AS 1728	Types of Timber Surfaces
AS 2097	Methods for Sampling Veneer and Plywood
AS 2098	Methods of Test for Veneer and Plywood .1—Moisture Content of Veneer and Plywood .2—Bond Quality of Plywood (Chisel Test) .3—Bond Quality and Strength of Scarf Joints in Plywood .4—Dimensions of Sheets of Veneer and Plywood
AS 2289	Glossary of Terms Used in the Plywood Industry
AS K88	Synthetic Resin Adhesives for Plywood (Phenolic and Aminoplastic)
AS K89	Protein Adhesives for Plywood
AS O1	Glossary of Terms Used in Timber Standards
AS O2	Nomenclature of Australian Timbers

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