

Technical Specification

Permanent labelling for Aluminium Composite Panel (ACP) products



SA TS 5344:2019

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The following are represented on Committee BD-014:

- Australian Aluminium Council
- Australian Building Codes Board
- Australian Garage Door Association
- Australian Steel Association
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- Building Research Association of New Zealand
- Bureau of Steel Manufacturers of Australia
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- Housing Industry Association
- Insulated Panel Council Australasia
- Insurance Council of Australia
- Metal Roofing & Cladding Association of Australia
- New Zealand Metal Roofing & Cladding Manufacturers Association
- Queensland University of Technology

Additional Interests

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Technical Specification through their representation on the temporary subcommittee.

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Preface

This Technical Specification was prepared by a temporary Subcommittee of Standards Australia Committee BD-014, Metal Cladding, BD-014-02, Labelling of Aluminium Composite Panels.

The objective of this Technical Specification is to provide minimum requirements for the marking of Aluminium Composite Panels (ACPs) to enable their identification throughout the life of the product.

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Introduction

The 2014 fire at the Lacrosse apartment building in Melbourne's Docklands, the tragic Grenfell fire in London in June 2017, and the more recent Neo200 fire have all highlighted the fire safety risks arising from the use of some external wall materials, particularly Aluminium Composite Panels (ACPs).

In response, the Building Ministers' Forum (BMF) tasked the Senior Officers' Group (SOG), which is comprised of senior officials from the Commonwealth, States and Territories that support the BMF, to develop a discussion paper regarding a permanent labelling system for ACP products.

The outcomes of public consultation on the discussion paper were addressed at the August 2018 BMF meeting, where the BMF agreed to develop an Australian Standard for the permanent labelling of ACPs. In February 2019, the BMF acknowledged the importance of an immediate response to the permanent labelling of ACPs and, with quality and speed to market in mind, agreed to proceed with development of a lower-consensus Technical Specification.

Technical Specification

Permanent labelling for Aluminium Composite Panel (ACP) products

1 Scope and general

1.1 Scope

This Technical Specification sets out requirements for the permanent marking of Aluminium Composite Panels (ACPs).

This Technical Specification provides the —

- (a) information to be included in a marking on the product; and
- (b) location, format and durability of the marking.

1.2 Normative references

There are no normative references in this document.

1.3 Terms and definitions

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

1.3.1

aluminium composite panel

ACP

flat or profiled aluminium sheet material in composite with any type of materials

1.3.2

human readable

visual data or information that is intended to be interpreted by a human without the use of an electronic device

1.3.3

may

indicates the existence of an option

1.3.4

shall

indicates that a statement is mandatory

1.3.5

should

indicates a recommendation

2 Marking of Aluminium Composite Panels (ACPs)

2.1 Content

Each ACP sheet shall be marked with the following information:

- (a) Name or trademark of the manufacturer.
- (b) Model number, name or designation.
- (c) Date of manufacture (month and year is the minimum requirement).
- (d) Batch identifier or other traceability information.

If multiple variants are available under the same model designation provided in (b), then additional identifiers shall be provided.

NOTE 1 The information in (c) and (d) may be combined into a single element.

NOTE 2 Other identifiers may also be included in the marking.

2.2 Location, format and durability

The information in [Clause 2.1](#) shall be marked on each ACP sheet with a recurring pattern so that all requisite information remains visible on any 1 000 mm × 1 000 mm piece cut from a sheet.

As a minimum, the marking shall:

- (a) Remain legible for the life of the ACP.
- (b) Be human readable.

NOTE Additional machine readable marking may be included, provided the label content also meets the requirements of [Clause 2.1](#).
- (c) Remain present post installation.
- (d) Be a minimum character size of 5 mm high.
- (e) Have lettering of a contrasting colour or finish to the background.
- (f) Be in the English Roman alphabet or numerals 0 – 9, or both.

NOTE Both upper and lower case characters may be used.

Marking may be on either face of the ACP sheet and need not be visible on the exposed face post-installation.

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