

---

## Building Services Information Sheet

# WINDOW CERTIFICATION

---



### Introduction

The Australian Window Association (AWA) has highlighted the important role that the correct labelling and certification of windows plays in ensuring appropriately designed windows are installed in buildings.

The AWA also highlighted the need for window manufacturers to be fully informed about the site's design wind loads by the builder so that windows can be designed to suit site specific requirements.

Compliance with Australian Standard AS 2047 – Windows in Buildings is required by the Building Code of Australia (BCA) as the Deemed to Satisfy method of compliance with the Code.

### Definitions

AS 2047 – Windows in Buildings uses the definitions below when specifying the requirements for labelling and certifications.

Housing - Class 1 buildings and Class 10 buildings, as described in the BCA and is governed by the limitations specified in AS 4055, except that windows in Class 10 buildings are not required to pass the air infiltration and water penetration requirements of this Standard.

Residential buildings - Class 2, Class 3 and Class 4 parts of buildings as described in the National Construction Code of Australia, and Class 1 buildings outside the limitations specified in AS 4055.

Commercial buildings - Classes 5, 6, 7, 8 and 9 buildings as described in the BCA.

### Information and Advice

Section 8 of AS 2047 which details the labelling and certification requirements for all windows is reproduced below.

## SECTION 8 LABELLING AND CERTIFICATE

**8.1 GENERAL** Window assemblies for housing shall be labelled in accordance with Clause 8.2. Window assemblies for other than housing shall be labelled in accordance with Clause 8.2, or a certificate, in accordance with Clause 8.3, shall be provided.

NOTE: Where windows for housing are supplied as incomplete assemblies, a certificate and a label giving manufacturer's identification marks, window rating and water penetration resistance should be provided with the window.

**8.2 LABELLING** The label shall be so positioned that the window can be identified when viewed in situ. Each window shall have the following information marked anywhere on the window assembly, except on the glazing (the application of rating labels on fixed glazed timber windows is permitted):

(a) Housing:

- (i) Manufacturer's identification mark.
- (ii) Window rating and water penetration resistance.

(b) Residential other than housing:

- (i) Manufacturer's identification mark.
- (ii) Serviceability limit state residential ratings.
- (iii) Ultimate limit state residential ratings.
- (iv) Water penetration resistance.

(c) Commercial:

- (i) Manufacturer's identification mark.
- (ii) Serviceability limit state commercial ratings.
- (iii) Ultimate limit state commercial ratings.
- (iv) Water penetration resistance.

**8.3 CERTIFICATE** A certificate, indicating the window rating, shall be provided for window assemblies.

NOTES:

1 The manufacturer of the window assembly would normally provide this certificate.

2 Manufacturers making a statement of compliance with this Australian Standard on a product, packaging, or promotional material related to that product, are advised to ensure that such compliance is capable of being verified.

3 Manufacturers making a statement of compliance with this Australian Standard on a variation to their tested sample are advised to ensure that such compliance is capable of being verified.

### **What do I need to submit with my application for a Building Permit?**

One copy of certification in accordance with Section 8.3 of AS2047 which also clearly indicates the site address of the proposed building work will be required from 1 May 2011.

#### **Disclaimer**

This information sheet is provided as generalised information. While we aim to keep the content of this document current and accurate, we accept no responsibility or warranties for actions based on the information provided. The Shire of Broome encourages you to seek professional advice before acting on any information contained within this document. Please contact the Shire of Broome if you wish to comment on the forms provided and information contained within. Any reported errors will be amended.