

Wind Classification Rating

This factsheet provides information on wind classification rating and why consideration of this factor is important when undertaking building works.

What is wind classification rating?

Each property is assigned a wind classification rating which is based on Australian regions, terrain, shielding effects and topography. For example, houses surrounded by other houses and trees in a flat rural town usually have a lower wind classification rating than houses on a farm, on an exposed hill.

Why is it important to know the wind classification rating?

Wind classification rating of your construction site is an important consideration to note as this will determine how your building is designed.

Engineers, designers, and builders use the wind classification rating when designing and constructing to ensure that the building or structure can withstand the wind loads that it will be subjected to during its life.

What are the Australian wind regions?

- Region A – Normal
- Region B – Intermediate
- Region C – Cyclonic
- Region D - Severe Cyclonic

Your Wind Region is determined by your location in Australia.

The South Burnett region is geographically located within Region B.



It is the applicant's responsibility to determine the correct wind rating and if in doubt should retain the services of a Registered Professional Engineer of Queensland ('RPEQ') or alternate qualified professional.

How do I find out my wind classification rating?

Wind categories are classified as cyclonic or non-cyclonic, this is indicated by the letters N and C and paired with a number. Higher numbers indicate higher wind speed.

An online wind classification rating calculator will assist to get an indicative wind rating based on your input; however, the results should be double checked with industry professionals.

If you are engaging a Building Designer, they will require the wind rating for the site prior to undertaking design work.

Council's Building Certifier or a Private Building Certifier can provide advice on wind ratings. To provide an accurate response, the Certifier will need to know what type of structure you are wanting to construct and the proposed location on the property.

It is best not to estimate using past weather conditions in your area.

More Information?

Submit a customer enquiry or request a meeting with a Council officer from Council's Building Section via one (1) of the following methods:

- ✉ South Burnett Regional Council
PO Box 336
KINGAROY QLD 4610
(07) 4189 9100
- @ info@sbrc.qld.gov.au
- 👤 Visiting a Customer Service Centre