

AREA USAGE CHART



To assist with proper product specification and to ensure the correct grade steel is used for the local area or environment; VUETRADE have developed unique and easy to understand icons for our Timber Connectors range.

BREAKING SURF:

Breaking surf environments, as the name indicates, relates to areas in proximity to the coast where there is rolling surf breaking onto beaches or rocks. In these environments, salt content in the air is much higher and is carried by the wind. The closer you are to breaking surf the more the elements will affect your home or construction. It's also important to note that windblown salt spray can reach a long way inland, depending on the conditions. These types of areas are classified as Severe Marine as the degrading of steel from saltwater attack happens very quickly.

SHELTERED COASTAL:

Sheltered Coastal environments are locations where there is no breaking surf in the vicinity, for example very sheltered bay areas, salt water harbours and salt water river estuaries. The salt content in the air will be lower as the water isn't breaking, however these areas are considered Marine Environment as degrading of steel will occur due to the higher than average content in the air.

FRESHWATER:

Where there will be constant contact with freshwater or frequent wetting and drying. This could also apply to areas where there is excessive dampness and any timber connectors used will be constantly damp.

POOLS:

Areas of decking around pools, whether it is a freshwater or saltwater pool, will be subjected to more frequent wetting and drying. If it is a Saltwater pool it is recommended to use Stainless Steel Brackets as degradation and corrosion will occur if galvanised brackets are used. As with Freshwater above, if there will be excessive splashing and frequent wetting and drying of the brackets from non-saltwater pool, it may be more practical to use stainless steel fixings and brackets.

STANDARD:

Standard locations are inland areas that are not exposed to salt attack or freshwater wetting and drying.

Follow the questions below to consider what environment your site is located in.

1. What type of environment are you planning to build near?

- a. Breaking Surf
- b. Sheltered Coastal
- c. Fresh Water

2. Distance to the environment?

- a. Breaking Surf:
 - i. 0 - 1kms
 - ii. 1 - 10kms
 - iii. 10 kms+
- b. Sheltered Coastal:
 - i. 0 - 100 metres
 - ii. 100m - 1km
 - iii. 1 km+
- c. Fresh Water (if subject to frequent wetting and drying)

Be sure to consider other elements such as proximity to industrial areas to get the best possible result and longevity of your metallic timber connection.