

# Aerofoils

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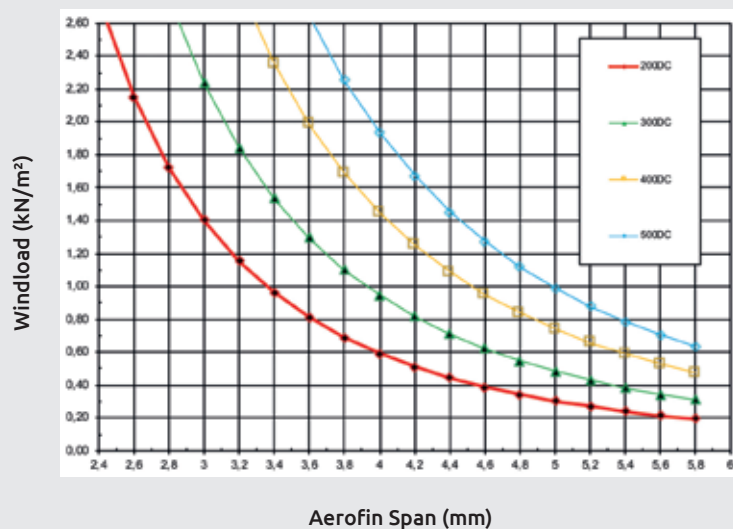
Product : Aerofoils

Building Elegance Aerofoils are standard available in 4 different sizes and in an adjustable or fixed configuration. The specific fin design allows for larger spans and there is a choice of different support structures.

## Key features

- the fixed support structure has been designed to accommodate any angle between  $0^\circ$  and  $180^\circ$  with increments of 5 degrees. The fin angle can be set during installation.
- Fixed fin V-bracket, available in 0, 30 and 45 degree for the 200 and 300DC.
- Fixed in a custom made cup-bracket.
- Adjustable fins, manual or motorized.

### Standard Aerofoils Spantables



# Adjustable Fin Angle

The adjustable aerofoil system gives the user the option of setting the fins at any possible angle from 0 to a maximum of 120 degree at any time. With this motorized system, maximum convenience can be obtained with the optional intelligent control system, which automatically regulates the fins according to the sun path. The high quality materials guarantee this system to operate with a minimum of maintenance.

## Maximum Span

The fin span in relation to the windload (pressure or suction), can be calculated from the graph.

Note: Calculating the value of the local wind load is the responsibility of the installer who must take into account the regulations of local authorities. For corners, roof edges or special design wind pressure/suction shall be determined with due consideration of the relevant local country's standard code of building practice.

