## Overhead protection



Entrance doors must be installed in weather protected openings to reduce the effects of weather exposure. The Corinthian warranty will not cover doors that are fully exposed to the weather.

You should avoid getting doors wet, even after finishing. The protection of your door is a major factor in its ongoing maintenance requirements and longevity.

Only doors specifically designed as external doors should be used in external applications. Using the incorrect door type can compromise the security, durability and performance of your door when exposed to sun, rain, wind, heat and cold.

Even with an external door, most applications will require some sort of overhead protection to minimise performance problems such as rapid finish deterioration, colour fading, wood splitting, warping, panel shrinkage, wood joint separation, and water penetration between panels, frame and glass.

The finished colour of external doors can also impact ongoing performance and maintenance. In general dark colours absorb more heat than lighter colours which can accelerate door deterioration, colour fading and can cause warping, sticking or other performance problems.

Using a security door or another type of secondary door can provide additional protection for external doors depending on the material used.

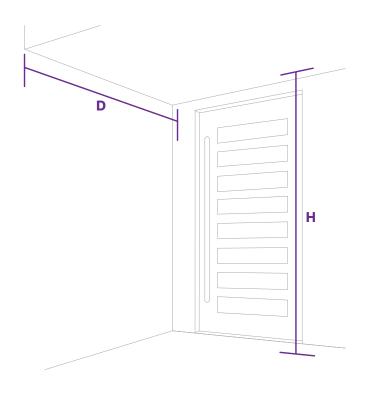
In hot climates, the material should not allow heat to build up between the two doors as this could cause substantial damage.

## Appropriate overhead protection guide

Use the table on the right as a guide to determine appropriate overhead protection for your homes location. Select the climate zone the house is located in, then the direction that the door faces. The result will define the Depth (D) for the overhead awning based on the Height (H) from the base of the door to the underside of the awning. The minimum width of the overhead protection should be no less than the door frame width.

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## Door direction

Climate	North	South	East	West
Coastal	D = H	$D = \frac{1}{2}H$	$D = \frac{1}{2}H$	D = H
Tropical	D = H	D = H	D = H	D = H
Arid	D = 2H	$D = \frac{1}{2}H$	$D = \frac{1}{2}H$	D = 2H
Mild	D = H	D = ½H	D = ½H	D = 2H

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