

Outback Columns

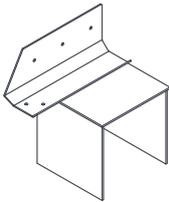
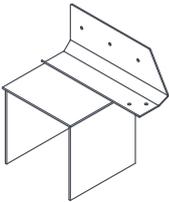
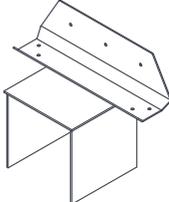
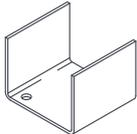
Outback 150mm Aluminium Column Installation Guide

Outback Patio units can be specified to utilise 150mm x 150mm Aluminium Square Columns where 68mm Outback Posts have previously been specified. New components have been developed to integrate the Aluminium Columns within the Outback Patio system.

The installation instructions within this document must be followed exactly to ensure engineering compliance.

This Installation Guide is to be read in conjunction with the Stratco Outback Span Tables dated May 2023, and any relevant Outback patio Installation Guides.

Components

			
<p>Outback Column Connection (Left) ONSCL150ALP##</p>	<p>Outback Column Connection (Right) ONSCR150ALP##</p>	<p>Outback Column Connection (Inline) ONSCINL150ALP##</p>	<p>Outback Column Footing Stirrup OIFS150ALPGA</p>

General Notes

- The Outback Column Footing Stirrup (for 150mm Aluminium SHS), in conjunction with 150x150x2.5mm Aluminium SHS columns, is suitable to be used in lieu of the 68 Outback Columns, when these columns are allocated as suitable for fixing onto a concrete base.
- Maximum allowable spans, as per the Outback Span Table Book, are to be maintained.
- The concrete slab shall have a minimum compressive strength of 25MPa.
- Chemical Anchors are to be installed in accordance with the manufacturers requirements.
- The owner/dealer is responsible for ensuring the concrete base is capable of sustaining imposed loading from the Outback unit.

Footing Stirrup Installation

Outback 150mm Aluminium Columns must be secured to concrete using Outback Column Footing Stirrups.

Secure the internal upstands to a clean, dry cement base with M12 chemical anchors (Chemset 101 or greater) as per manufacturer's installation guidelines. Chemical anchors shall be embedded a minimum of 70mm into the concrete base and be spaced as shown in Figure 1.0.

Sleeve the Outback 150mm Aluminium Column over the Footing Stirrup and secure the Column to the Footing Stirrup using 4x Outback Self-Drilling Screws on opposing sides of the Column and seal the base with elastic sealant (Figure 1.1 & 1.2).

Outback Self-Drilling Screws must be placed in an 80mm x 60mm box pattern as per Figure 1.1.

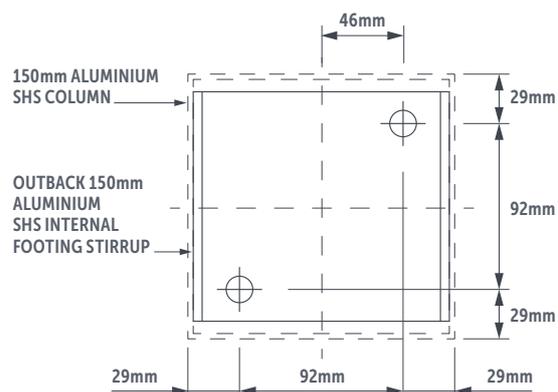


FIGURE 1.0

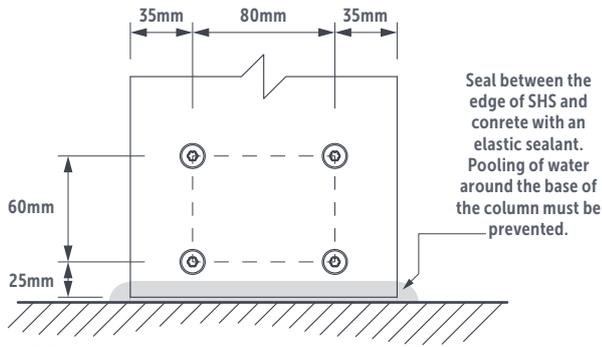
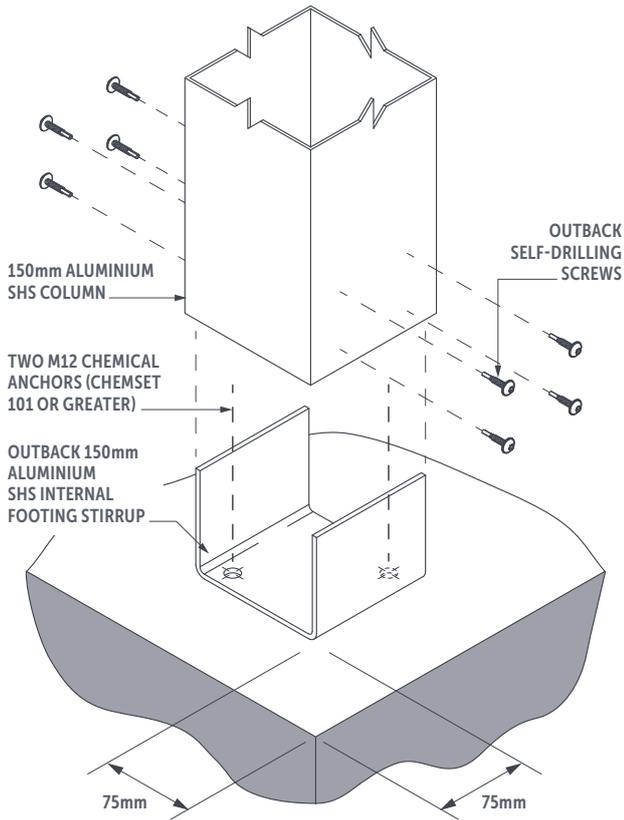


FIGURE 1.1



NOTE: MINIMUM EDGE DISTANCE IS 75mm

FIGURE 1.2

Column Connection Installation

Outback 150mm Aluminium Columns are secured to Outback Beams using SHS Column Connectors. Left-Hand, Right-Hand, and Inline variations are available.

SHS Column Connectors are secured to Outback 150mm Aluminium Column using 4x Outback Self-Drilling Screws on opposing sides of the Column (Figure 2.0 & 2.1).

Outback Self-Drilling Screws must be placed in a 100mm x 100mm box pattern as per Figure 2.1.

Outback Beams must be secured to SHS Column Connectors using all pilot holes provided.

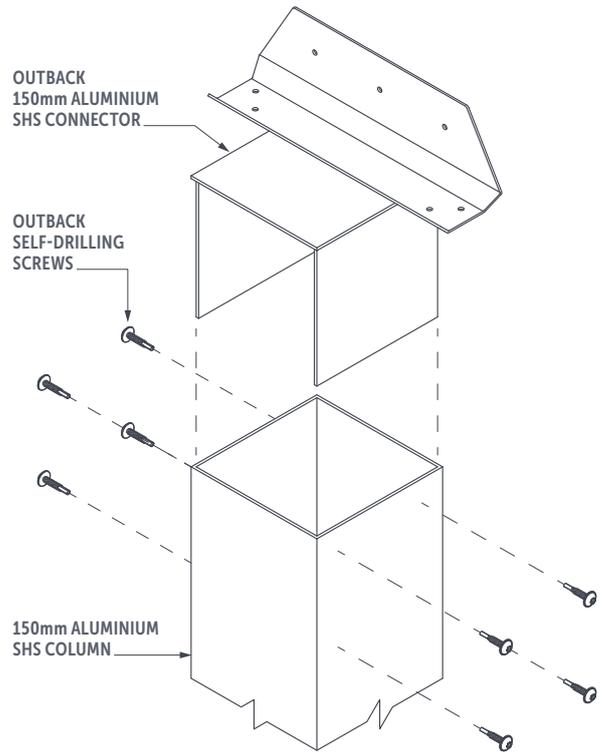


FIGURE 2.0

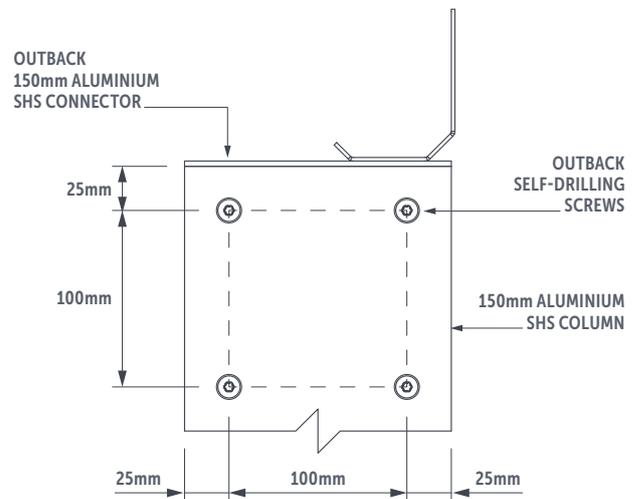


FIGURE 2.1



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How To.

