

CANTILEVER CARPORT ALU-MAX I-BEAM



Easy Installation

Our steel I-beams allow for a quick installation time with minimal equipment required.

Application	Carport
Module Orientation	Portrait (preferred/cost-effective) and Landscape
Module Layout	Portrait: 3V panels (single access) Portrait: 5V panels (double access) Landscape: 4H - 5H panels (single access) Landscape: 8H - 9H panels (double access) Custom
Module Inclination	Single access: 0 - 10 degrees Double access: 0 - 8 degrees
Table Length	Site dependent
Support Spacing	Up to 7500mm support spacing for 3 parking bays End overhang of up to 2500mm
Anchoring Method	Chemical anchor, M16 rods, fixations, and typical foundation designs are provided Pre-cast/foundations are not provided
Standards	SANS 10160 - 1 - 7 Structural loading design SANS 10162 - 1, 2 Structural steel design SANS 121 - Hot dip galvanised coatings Eurocode 9 - P1 Design of aluminium structure
Material	Purlins: Aluminium (6063 T6)/(6005 T5) Rafters: Aluminium (6063 T6)/(6005 T5) Columns: I-beam (S355) Fixations: Stainless steel (SUS304) *(SUS316) available *Various coatings are available, including anodising, hot dip galvanising, powder coating, and paint.
Local Content	Local content up to 90% if required (project specific)
Warranty	10 years standard

Glossary : (*) Customizable



Transportability

Engineered for portability, our Alu-Max solar carport structure is transport-friendly by design.



MidPoint Comfort

This solar carport structure blends budget-friendly pricing with the ease of ergonomic assembly.