

Modular

Driven Pile (C profile & Top Hat)



Installation: Piling rig or augered and concreted in.

Materials: Hot rolled steel (S355JR). Hot dipped galvanised to ISO 1461.

Dimensions: 120mm x 70mm x 3mm
x2000mm

Type of Mounting

C Profile: Driven steel piles are the most common form of foundation found in ground mount solar installation. They involve the use of a piling rig or auger to create the cavity for the steel piles and are then concreted in.

Top Hat Profile: Another pile driven foundation type, using steel piles that are then concreted in as well.

Application and Benefits

C Profile: This foundation type is manufactured using grade steel, and made with a range of thickness and coatings guaranteed to make installation stress free and durable.

Geotechnical and topographical data is used to determine the optimal thickness of the material, producing the highest quality product for the best possible price.

Pile driven C profile mounting is used for soft ground (particularly soft). It is a single post system with incredible overall rigidity. This foundation type requires a piling rig or needs to be augered and concreted in.

Top Hat Profile: The Top Hat Profile is the pile driven solution for hard ground. It is crafted to slice through soft rock such as sandstone and also has capability to deflect past small stones when detected in the preliminary ground tests.