



PV SOLAR TILED ROOF MOUNTING STRUCTURE SOLUTION

The Valsa tiled roof mounting structure provides a non-penetrative solution for the installation of solar panels on commonly used tiles such as terracotta or concrete for domestic and commercial roofs as part of the structure. It maximises the harvesting of photovoltaic power.

The brackets are adjusted to reach the nearest valley of the tile and ample clearance is provided between the tile and the panel to allow for the natural cooling of the panels, for rainwater to run off and for plant material to pass underneath. Aluminium, Stainless-Steel component and Aluminium rails add to the strength of the structure without compromising the integrity of the roof.

It is a simple and versatile non-penetrative solution with all the components tested and approved by South Africa roof manufacturers, ensuring roof warranties and guaranties remain intact for PV solar installations on existing and new roofs.

The solution has been designed and manufactured to SABS standards and is in line with SANS regulations. The roof mounting structure solution is ideally suited for African weather conditions.

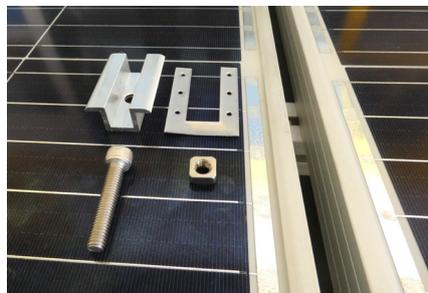
Custom made solutions can be designed and manufactured on request.

CHARACTERISTICS

Versatility	<ul style="list-style-type: none"> • Standard flat concrete roof mounting structure for all site specifics • Flexible design for improved PV Solar performance • Accommodate standard nuts and bolts
Design	<ul style="list-style-type: none"> • Structural engineering compliant • Easy mechanical assembly • High quality material • Non-penetrative
Flexible	<ul style="list-style-type: none"> • Accommodate customer requirements • Quick and easy to install
Panel orientation	<ul style="list-style-type: none"> • Portrait or landscape
Cost effective	<ul style="list-style-type: none"> • Cost effective PV solar roof solution
Tools	<ul style="list-style-type: none"> • Standard equipment for all installations
Project design	<ul style="list-style-type: none"> • Meets structural roof engineering requirements
Long life span	<ul style="list-style-type: none"> • Aluminium structure has a long life
Maintenance	<ul style="list-style-type: none"> • Low maintenance
Warranty	<ul style="list-style-type: none"> • 10 years site dependant

SPECIFICATIONS

Material	<ul style="list-style-type: none"> • Aluminium structure - Alloy 6063 • Aluminium Galvanised brackets for tiles
Tilt	<ul style="list-style-type: none"> • Flat
Components	<ul style="list-style-type: none"> • Aluminium components • Stainless-steel fixing components
Certification	<ul style="list-style-type: none"> • SABS standards and SANS regulations



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