



## PV SOLAR BROWNBUILT ROOF MOUNTING STRUCTURE SOLUTION

The Valsa Brownbuilt roof mounting structure provides a solution for installing solar panels, as part of the structure of the building, onto Brownbuilt roofs found on commercial, industrial, and domestic buildings. The solar mounting structure is positioned across or along the rib and can be flat in which case it follows the slope of the roof or elevated with an additional tilt to improve the harvesting of photovoltaic power.

The non-penetrating solar mounting structure is a simple and versatile 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, is in line with SANS regulations and take African building regulations into consideration. The roof mounting structure solution is ideally suited for African weather conditions.

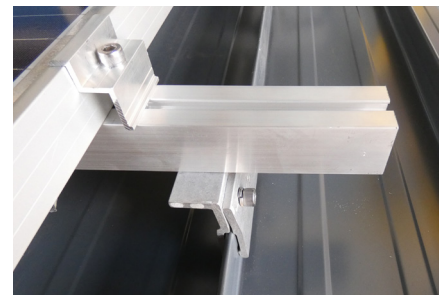
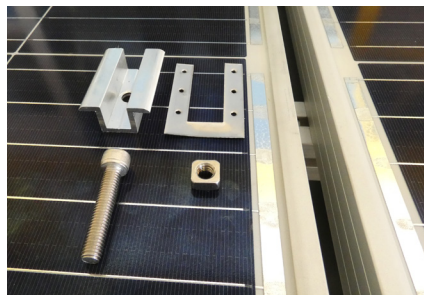
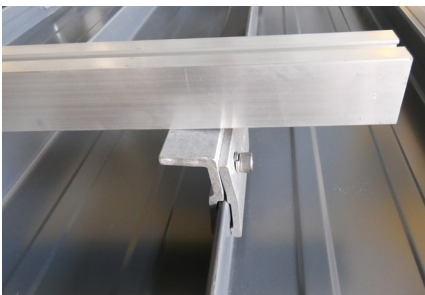
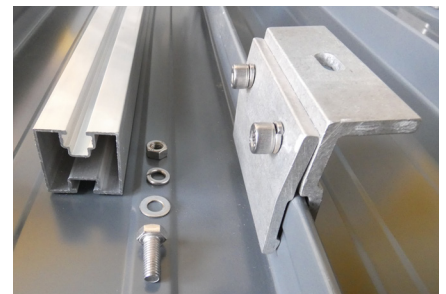
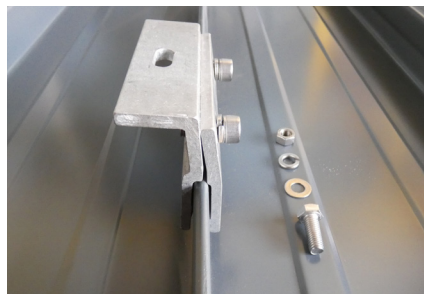
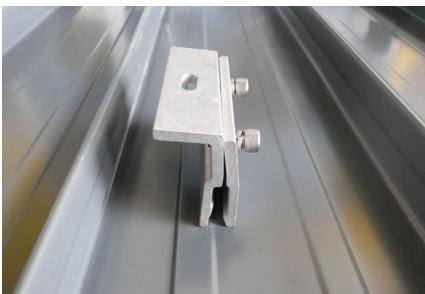
Custom made solutions can be designed and manufactured on request.

## CHARACTERISTICS

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

## SPECIFICATIONS

<b>Material</b>	<ul style="list-style-type: none"> <li>• Aluminium structure - Alloy 6063</li> </ul>
<b>Tilt</b>	<ul style="list-style-type: none"> <li>• Flat and elevated</li> </ul>
<b>Components</b>	<ul style="list-style-type: none"> <li>• Aluminium components</li> <li>• Stainless-steel fixing components</li> </ul>
<b>Certification</b>	<ul style="list-style-type: none"> <li>• SABS standards and SANS regulations</li> </ul>



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