

## GLUE MOUNT KITS



## INSTALLATION GUIDE for

### Corner Mount – 08003BS05

Contains 4 x black ABS 90° mouldings

### Short Side Mount – 08003BS05

Contains 2 x black ABS straight mouldings

Thank you for buying our glue mounting system. This product facilitates the installation of your solar panel system without the need for drilling loads of holes in your mounting surface. Please read these instructions carefully as they will contribute to the extended lifetime of the installation.

### Tips on Handling and Installation

- The panel should be orientated with its shortest edge to the front of the vehicle. On the 85W and 130W modules you will require in addition to the corner brackets, two short straights for securing the long edge.
- Recommended bonding agent is Sikaflex 252, other bonding adhesives that are available may not be sufficiently strong and weather resistant.
- Always keep the mounting system flat (do not bend or twist etc.).
- For the optimal bond between the structure and mounting brackets, the pre-treatment of the mounting surface is very important as improper cleaning may cause premature failure of the bond.

Carefully clean the surface upon which the mounting brackets are to be glued, removing all traces of oil, fat, grease and other dusts and contaminants, using a suitable cleaning agent. If using a solvent based cleaner it is advisable to try on a small area first to ensure no damage or decolourisation of the surface.

The brackets should first be screwed or bolted to the solar module using suitable stainless steel (A2 grade) fixings. To do this, the recommended method is to use self-tapping screws with a hex or pan head of up to 30mm in length. Firstly drill a clearance hole in the ABS brackets at the appropriate recessed ports. With the brackets and module in position on the mounting surface, mark the position of each fixing point on the module frame and drill a pilot hole to suit the screws/bolts being used. Ensure when drilling the aluminium frame of the solar module that no damage is caused to the cell laminate layer.

- Recommended screw or bolt size is ~ 6mm (14 gauge)

Subject to which size screw/bolt you are using, drill a suitable pilot/clearance hole in the module frame and secure the brackets to the module, to form one complete assembly.

### Bonding to Motorhome/Caravan or other even surface

Before starting please refer to instructions on the bonding agent being used, paying attention to safety warnings and use. Firstly lay the assembled module with brackets at its final position on top of the roof, paying particular attention to cable runs and connection with the junction box.

- Mark the position of the brackets with adhesive tape or a pen.
- Apply the adhesive to either the brackets or inside the marked areas.
- Carefully place the assembly in place and press it on sufficiently to obtain a bond, but not so much that the glue becomes too thin.
- DO NOT move the vehicle for 24 to 36 hours, thus allowing the bond to fully cure.

These instructions are intended as a guide only, as there are too many possible scenarios to cover.