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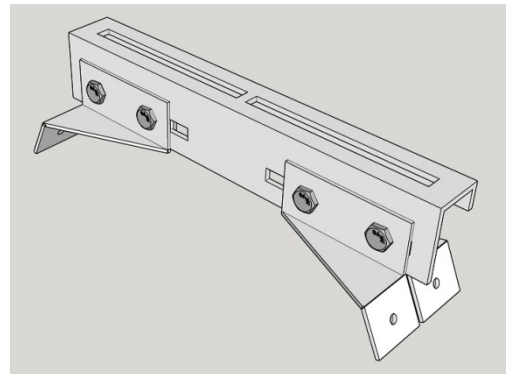
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F553/11/6824-KDS-IBR-250

28 June 2022

PANEL SUPPORT BRACKET: KDS-IBR-250

The KDS-IBR-250 is a fixing bracket designed for securing the support frame for solar panels to a roof truss where the roof covering is metal roof sheets with an IBR profile. When installed in accordance with the KDS installation guide for framed panels and secured with 4 x 6mm diameter TEK screws, the KDS-IBR-250 will provide anchoring of the panel frame to the roof sheets.



The assumptions in calculating the pull out force required to be withstood by the bracket are:-

Solar panel size 2 x 1.2m anchored by 2 KDS-IBR-250 Brackets

Wind loads calculated in accordance with SANS 0160: The general procedures and loadings to be adopted in the design of buildings with the following parameters.

Terrain category 1, Regional wind speed of 40 m/s and return period of 1 in 50 years.

Graeme Parker
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