

TYPE(S) OF SYSTEM/EQUIPMENT

Latchways Solar Panel support Post™

Location: [Insert here](#)

Manufacturer and reference: Latchways plc, Hopton Park, Devizes, Wiltshire, SN10 2JP

- Ref: Solar Panel Support post™ from Latchways ManSafe for Various Roofing types
- [All designed load should not exceed 2.5kN per post](#)
- System to be CE marked and hold EC Declarations of Conformity.
- Unique Overload™ Facility
- 2.5kN Tensile, Shear and Imposed load capacity per post
- Anchorage device: Latchways Solar Panel Support Post™ for Various roofing types

Single Ply Roofing installed with mechanical attachment through the insulation to profiled metal deck using Latchways toggle bolts. Weathering to be strictly in accordance with Manufacturers recommendations.

Composite/BUOS Roofing installed with 16 Latchways stitching screws per post, located on the crowns of the roofing profile.

Standing Seam Roofing installed using 4no. Latchways designed Aluminium split clamps per post.

- Design setting out: Latchways Solar Panel support posts allow the designer to install any type of sub support frame that accommodates a wide range of solar panels, the Latchways solar post has an M12 threaded hole for installation on these frames.
- Spacing: Solar Panel installer/Manufacture to calculate the quantity required based on key loading calculations making sure the total load is dissipated through enough Solar support posts making sure the posts see no more than 2.5kN each respectively

Roofing System Manufacture Approval

As an essential element of the overall roofing system. Latchways partner with industry-leading manufactures to ensure holistic approach therefore allowing the Latchways Solar Support Post to maintain the Guarantees/Warranties offered by partner manufactures.

System Design Requirements

System designer to access the roof level to make sure there are no fall risks whilst installing the solar array and for end user maintenance, should there be fall risks present then they have a duty of care to provide a suitable access strategy.