

6 Point Quality Check

When attention to detail matters

Solarbank offers our residential customers competitive pricing, a quality installation and high-grade products. We visit your home, conduct an onsite assessment and guide you through the whole installation process. We're proud to have some of the most experienced and enthusiastic installers in the solar energy industry delivering outstanding workmanship and design.

Our 6 Point Installation Quality Check includes:

1. Cavity Versus External Conduit

When a customer trusts in us to install a solar power system at their home or business we take it seriously and are mindful of the importance of maintaining the aesthetics of the premises. We will always do our best to minimise the use of external conduit for running cables to the inverter and meter board. In most cases we are able to install systems with little or no external conduit making for a very attractive installation. For some buildings this is not possible due to factors such as insulation in the walls. In these cases we will seek to run conduit behind drainpipes or other ducts to ensure a tidy look.



2. Tile Grinding

The Clean Energy Council installation guidelines require tile grinding. Tile grinding is critical when installing on a tile roof to ensure that the tile itself is not resting on the stainless steel bracket, which is fitted to mount the solar rails. If the tile is resting on this bracket there is a strong chance the tile will crack over time, potentially leading to water leaking into the roof. We care about your property and we make sure there is no chance tiles can crack or leak in the future.



3. Rooftop Isolator Protection

Australian Standards require solar power systems to have isolators (switches) on the roof, at the inverter and in the switchboard. This applies to both DC and AC systems. Rooftop isolators have been the source of many solar system failures primarily due to water ingress into the switch after it has deteriorated in the sun. At Solarbank we only use IMO DC isolators, which are made in Austria and in our opinion are one of the best available. In addition to using the highest quality isolators we also install all rooftop isolators with a metal housing to shade the isolator and limit the exposure to the harsh Australian elements.



4. String Line Leveling of Rails

Nothing looks worse on a home than an unlevelled solar array on the roof. We notice them (even if others don't). To ensure your solar panels are level we take measurements between the roof and the rail at either end then string line across the rail and then make adjustments to counter any bows in the roof (most roofs have a bow).



5. Roof Penetrations

Australian Standards require the use of a Dektite® (or similar) gland for the cable entry through the roof. Solarbank uses full sized genuine Dektite® flashings to ensure a guaranteed watertight cable entry.



6. Cable Fixings

Australian Standards require that no cables be hanging under the solar panels and be in contact with the roof. Solarbank uses a combination of stainless steel cable ties and cable clips to fix all cabling to the panels and rails, which means no contact with the roof for the life of the system.

