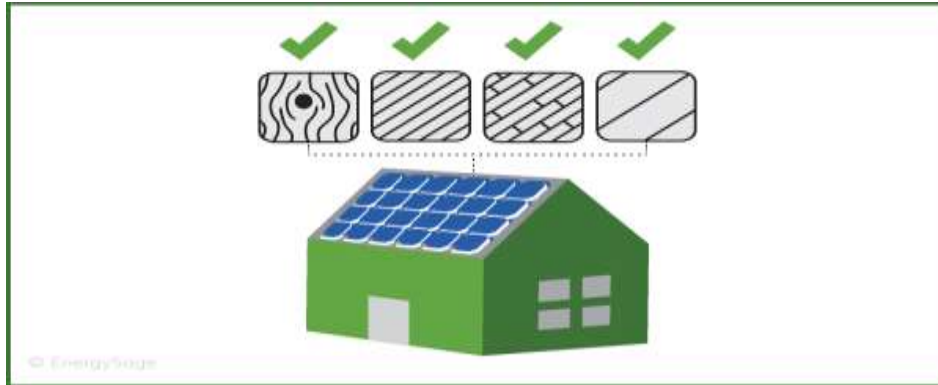


## WE INSTALL SOLAR PANELS ON ALL MAJOR ROOF TYPES

Full warranty included



If you're considering installing a [residential solar system](#), you might be wondering if your roof type is appropriate for a solar installation. The good news is that solar panels can be installed on just about any roof type, but the installation process and mounting hardware might vary from material to material. We explore the most popular types of roofs solar panels and how each has a unique installation process.

You might also be concerned about if the installation will increase your homeowners insurance.

**For systems that are leased the answer is 'no increase' to your policy cost**, as a third party is using your roofspace and provides a special 10-25-year coverage for their system and the roof under it.

When your system is installed most homeowners policies cover you, or have inexpensive add-on coverage for solar. Just ask your agent.

**No one roof type is best for solar panels there are  
mounting solutions for every roof out there.**

**Tile roof installations, featuring no damage to the tiles at all.**





Before any work we perform a certified roof inspection to verify roof integrity. The inspection determines the condition of the underlay and roof material and certify it is safe to install on. Then we issue a 25-year policy on your system and the roof beneath. Peace of mind.

**Note: Solar panels increase the life of the roof under them as the roof is now shielded from sun.**

### **Solar can be installed on nearly any roof**

The most commonly used roof materials our solar installers encounter:

- Asphalt shingles
- Foam (flat roofs)
- Slate tiles
- Concrete
- Rubber
- Clay (not recommended as they break easily)
- Wood (cedar shingles require special techniques)
- Metal

While solar panels can be safely and effectively installed on all of the above roof materials, the exact installation processes differ. As such, there is no “best” roof for solar – panels can go on just about any roof material. Below, we’ll look at several of the various roof materials and how installers secure solar panels to each.

### **Installing solar panels on tile, foam, concrete, metal and shingle roofs**

Many properties have these roof types, which may seem like a barrier to installing solar. However, solar racking companies and installers have crafted many smart and safe ways to make putting solar panels on these roofs over the past three decades.

### **Mounting and how they are fully sealed for peace of mind.**

Professional Installers drill studs into your roof and attach [panel mounts](#) at those locations. The space around the brackets is both sealed and surrounded with a **flashing** – a metal plate used to stop any water infiltration – to finish the job. Sealant is warranted for Arizona climates 30+ years.

**For flat roofs we can do a ballast mount with no penetrations (see illustration below).**





## Concrete Tile roofs

Regular concrete tiles pose no problems and are very common on peaked roofs here in Arizona as our expert licensed and bonded installers take extra care in the process doing many of these monthly.

Unlike traditional roofing material, tiles are usually removed and replaced during a solar installation. This is for two reasons: first, tiles are relatively fragile and may break when installers walk on your roof. Second, in order to properly secure your solar panels, your installer needs to bolt the feet of your solar racking equipment directly to your roof. With tile roofs, this area can only be accessed properly by lifting tiles up.

As such, to properly anchor your solar panel racking, solar installers will typically remove tiles at the areas where they need to attach racking feet to your roof. Metal hooks and flashing are drilled into the roof, and your tiles are slid back into place above the mounting feet. Depending on the shape and dimensions of the tiles on your specific roof, installer has uniquely shaped hooks and flashing so they fasten properly under the tiles. Companies like SnapNrack™ make specialized mounting inserts for all types of tiles.



## Excellent Link to view installation technique for concrete tile:

<https://video.search.yahoo.com/search/video?fr=mcafee&ei=UTF-8&p=installing+solar+on+clay+tile+roofs&type=E210US91088G0#id=5&vid=f11461f1345a3bd6c5297f4f1012653d&action=view>

# Roof Warranty 101: Will Installing Solar Panels Void Policy?

Solar panels be installed without voiding a roof warranty. Read on to find out!



Solar panels are a big investment for most homeowners, especially for those needing a new roof to support them. Since solar panels will last 25+ years, the last thing you'll want to deal with is roofing problems after installation like damage, leaks or cracks.

Concerns about potential roof damage and a lack of roof warranty coverage have left many homeowners unsure about making the switch. In this article, we debunk the myth surrounding solar panels and roof warranties, shedding light on the facts and providing clarity for those considering a solar installation.

## Understanding the Solar Panel Installation Process

Solar panels are attached to mounting brackets that are secured by large bolts drilled into the roof rafters. While this sounds scary, systems are engineered to protect the roof's integrity and prevent damage that could arise from their installation or operation. When installed correctly, solar panels can prolong your roof's life by protecting it from the elements! For flat roofs a special racking system can be used requiring no roof penetration.

Damage from an improper installation is not covered under a roof's warranty, but is under the workmanship warranty from your contractor. We provide a worry free, 10-25-year warranty on the installation.

## Roof Warranty vs. Solar Warranty

After homeowners learn bolts will need to be drilled into their roofs, they often assume that installing solar panels will automatically void their roof warranty if they have one.

Roof warranties (if you have) generally only safeguard against manufacturing defects or material failures in the roofing system itself. However, most solar contractor have a workmanship warranty so any damage to your roof or home is covered under that. Our World Energy™ features a full warranty on your roof where it is installed with no deductibles. They maintain all current roofing and electrical licenses in Arizona to protect you. They are a professional solar and roof installation company that meet or exceed all state standards for a safe and certified installation.

## Key Takeaways About Solar Panels & Your Roof Warranty

The fear that installing solar panels will void your roof warranty is a common misconception. Solar panels can be safely installed without compromising the integrity of your roof as long as proper guidelines are followed. The best way to prevent roof damage is by hiring a licensed solar contractor such as Our World Energy™, who is our solar installation company, that strictly follow guidelines from the solar panel manufacturer, the roofing manufacturer and city & county building and fire codes. This way, you enjoy the benefits of renewable energy while maintaining warranty coverage for your roof. So, go ahead and embrace the power of solar while keeping your home protected. To address the concerns of homeowners, many roofing manufacturers have released official statements regarding solar panel installations.

**While statements may vary between manufacturers, the overall consensus is that installing solar panels does not void the warranty on the roof itself.**