



Aluminum alloy roof photovoltaic bracket installation

Can a solar system attach to a metal roof?

S-5!, a manufacturer of metal roof attachment solutions with non-penetrative solutions for attaching solar systems to metal roofs, has released a three-part series of white papers examining the relationship between solar and metal roofs with the Metal Construction Association (MCA).

Are metal roofs a good choice for a solar PV system?

However, metal roofs are unique enough to have their own installation considerations. Metal roofs will outlast the service life of a solar PV system, so it is critical that the mounting system and all attachments protect and maintain the durability of the roof.

How do I mount solar on a metal roof?

There are many options when mounting solar on a metal roof, the details of which can impact installation costs and lifetime performance. Metal rooftop mounting consists of two basic parts: the roof mounting hardware and the actual solar panel attachment interface.

Will S-5 clamps pierce metal roof panels?

S-5! Clamps & Brackets for Metal Roof Solar Panel Systems Attachment of solar panel system arrays on a metal roof has always been difficult and often the source of leaks and maintenance problems until and brackets. Thanks to their patented round-point setscrews, S-5! clamps will not pierce the metal roof paneling or violate system warranties.

Can a PV system be installed on a metal roof?

Of course, as was outlined in the first entry, the first consideration for installing a PV system on a metal roof should be to verify that the existing metal roof has a remaining roof life of at least 30 years.

What type of roof should a solar system use?

The most common and highest-recommended (by the authors, at least) style of metal roofs are standing seam metal roofs. Since these systems have few, if any, penetrative components, the same should apply for the solar installation.

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