

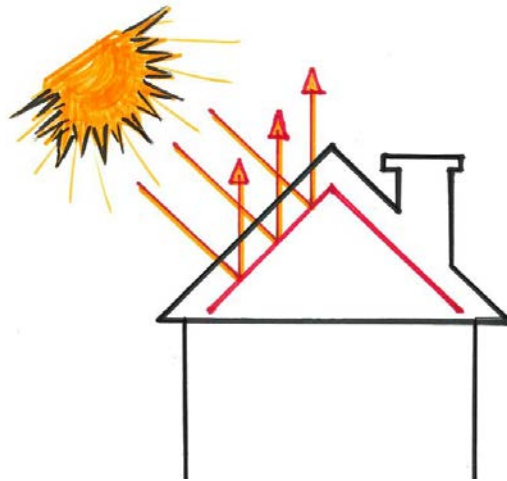


## **TECHNICAL BULLETIN**

### **ROOF ASSEMBLIES UTILIZING RADIANT BARRIERS**

[August 2017]

There are various kinds of *radiant barriers*, usually sheets of aluminum foil or thin sheets of material with foil laminated to it. Their purpose in a roofing system is to *reflect* radiant solar energy penetrating the roof and redirect it back out before it can raise temperatures within the house. Installed correctly, radiant barriers' intent is to keep attics cooler in hot weather.



Malarkey's limited shingle warranties are in effect for its products when installed over an approved deck whose assembly contains a radiant barrier. To qualify for warranty protection and obtain stated coverage, shingles and accessories must be applied per Malarkey Roofing Products® installation instructions<sup>1</sup>, adopted building code, and local amendments, and the underside of the deck properly vented for the roof system and radiant barrier application.

We assume no responsibility or have any liability when there has been improper application, damage caused by materials used as a roofing base over which Malarkey shingles are applied, or premature deterioration of the roofing materials caused by excessive temperatures resulting from inadequate ventilation.

Contact Malarkey Technical Services with questions at (800) 545-1191 or (503) 283-1191, 7:00 am to 5:00 pm, Pacific Time, or email us at [technicalinquiries@malarkeyroofing.com](mailto:technicalinquiries@malarkeyroofing.com).

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<sup>1</sup> Contact Malarkey Technical Services or check our website at [WWW.MALARKEYROOFING.COM](http://WWW.MALARKEYROOFING.COM) for the most current version.