



## Technical Bulletin 302 – Radiant Barriers & Attic Insulations

May 18, 2021

F-WAVE™ REVIA™ Synthetic Roofing Shingles are applied directly to the roof deck using a 6 nail per shingle application. F Wave recommends using well-seasoned plywood with a minimum thickness of 15/32 inch (12mm) or OSB decking with a minimum thickness of 7/16 inch (11mm) that is well supported. Always ensure the roof deck is properly attached and provides a smooth, flat surface on which to install our shingles. Note, when F-WAVE™ REVIA™ Synthetic Roofing Shingles are installed, there will be no air gap between the roofing deck and the shingles. Therefore, F Wave does not recommend the use of a Radiant Barrier on the surface facing skyward on the roof deck but does recommend the use of a Radiant Barrier on the deck surface facing the interior attic space.

As for the use of attic space insulation, F Wave does not endorse or recommend any particular insulation type, as long as it is approved for use by your local building code jurisdiction, and does not interfere with the F Wave Installation Guide directions for installing all F Wave roof styles. F Wave does not foresee any incompatibility issues with any known attic insulation materials. If there are any concerns, the roofing installer should consult with the insulation installer to discuss any installation or incompatibility issue.

Examples of known insulation types include: fiberglass, cellulose, Icynene, expanding foam, radiant barrier film or underlayment, radiant coatings and reflective insulation materials. Insulations may include but are not limited to cellulose, fiberglass, Icynene, expanding foam, radiant barriers, radiant coatings, and reflective insulations.

### Notes:

Installers should consult the most recent [F Wave Installation Manuals](#) to determine all recommended installation requirements. Additional information may be found in the [NRCA Roofing Manual: Steep-Slope Roof Systems](#).

For additional support or questions, connect with [fwaverroofing.com](http://fwaverroofing.com) or F Wave Technical Support at **1-888-GO-FWAVE** (1-888-463-9283).

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