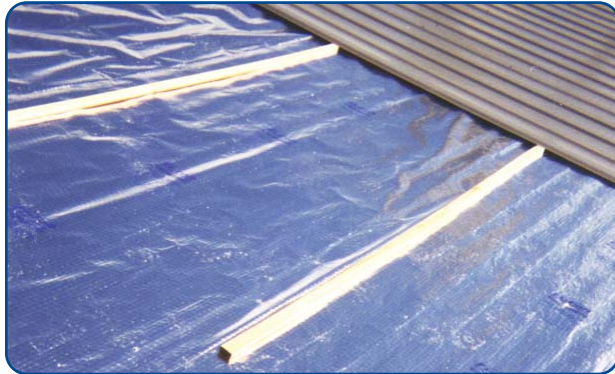


RADIANT SHIELD METAL ROOF RADIANT BARRIER



Florida Solar Energy Center Tests Confirm Effectiveness



Fi-Foil's Radiant Shield is a sheet radiant barrier that is comprised of two layers of aluminum foil laminated to a layer of woven poly. This heavy-duty radiant product provides superior tear-resistance for radiant barrier applications.

Fi-Foil's Radiant Barriers have been proven to reduce energy bills while improving comfort. In fact, leading energy-efficiency experts have identified radiant barriers as an energy-saving technology and a key component to an energy-efficient home.

Now, according to tests conducted by the Florida Solar Energy Center, installing *Fi-Foil's Radiant Shield Radiant Barrier* can help reduce overall cooling expenses in buildings with metal roofs by as much as 11%.



Roof Cooling Load Reduction / Overall Cooling Savings

Flexible Roofing Facility: 2004 Summer Test Results Florida Solar Energy Center-CR-1514-05

TEST APPLICATION: GREEN METAL ROOF OVER BATTENS WITH RADIANT BARRIER AND VENTED ATTIC

Testing	Metal Roof w/ Radiant Shield NT	Black Shingles Control Cell
Mid-Attic Air Temperatures		
Maximum	117F	153F
Avg Maximum Attic Temperature	98F	117F
Ceiling Heat Avg Flux Change Relative to Test Cell	-43.2%	Ref
Ceiling Heat Fluxes, Duct Heat Gain % Heat Gain Difference Relative to Control	-33%	0.00
Overall Cooling Savings	11%	Ref

Note: Test based on comparison to black shingles with standard attic ventilation (Control Test Cell) Test Period: Summer 2004

For more information, call 1-800-448-3401 or visit www.FiFoil.com

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