

RainBarrier® vs. rigid/spray foam: a head-to-head comparison

Compare RainBarrier to rigid foam. Compare the efficiency. Compare fire protection. Compare aesthetics. Compare prices, too. Whatever your criteria, the more you compare, the more benefits you'll find with RainBarrier.

RainBarrier	Benefit	Rigid/spray foam
 Best possible score for both flame spread (0) and smoke developed (0)	Protects your building from spreading fire and smoke	 Rigid foam receives the worst possible score for smoke developed (450)
 Fire resistant to more than 2,000° F	Fire protection	 Rigid foam is combustible and must be protected from high heat sources
 No additional protective or thermal barrier required	1-piece thermal protection	 May require additional thermal barrier or fire blocks to be added during construction
 Up to 90% recycled content—the highest content available	Conserves natural resources	 Foam products are petroleum based with a maximum recycled content of 40%
 Excellent STC & NRC values, helping to keep unwanted noise out of your building	Provides sound control and noise absorption	 Rigid foam manufacturers don't publish NRC or sound absorption data (for a reason)
 Contributes to 33 credits across 4 categories	Helps you earn valuable LEED Green Building credits	 Contributes to 22 credits across 4 categories
 Available in light or dark fiber to help camouflage the insulation in open-joint systems (or ventilated façades)	Color flexibility with base product to preserve aesthetics	 Base product available in pink, light blue or white
 RainBarrier resists ultraviolet light—you can leave it exposed indefinitely	Insulation doesn't break down under extended exposure to sunlight	 Rigid foam degrades in sunlight and should not be left exposed for over 60 days
 Customized project details and renderings, custom product sizing and packaging (you name it, and we've probably already done it)	Thermafiber Insolutions®, industry-leading technical and customization services	 Standard sizes, standard packaging
 For less than the cost of rigid foam, RainBarrier provides an equivalent (or better) R-Value.	Most cost-effective continuous insulation to meet your thermal requirements	 Foam products can be anywhere from 20% to 40% higher in cost, depending upon the project location
 RainBarrier contains no CFC or HCFC Blowing Agents	Low Global Warming Impact (GWP) ¹	 Blowing agents used in XPS and SPF insulations are harmful greenhouse gases

¹Wilson, Alex. "Avoiding the Global Warming Impact of Insulation". *Environmental Building News* June 2010: 8-14.