

Handy Foam Insulation Comparison Chart

Not all foams are created equal. Use this chart to compare foams against a leading option – Icynene)

InsulationSmart.com

Characteristics/Benefits	Icynene®	Alternative Foam Insulation #1	Alternative Foam Insulation #2
R-Value per inch	3.6		
Flexibility	High (expands & contracts with building)		
Cell structure	Open-celled (won't trap moisture)		
Blowing agent	Water (No ozone depleting chemicals)		
Years on the market	20 +		
Meets air barrier requirements (ASTM E 2178-03)	Yes		
Class 1 fire-rated product	Yes		
Wicks water	No		
Approved for conditioned attics (IECC 2006 - storm protection and energy efficiency)	Yes		
Resists cracking, sagging	Yes		
Source of food for mold or pests	No		
Minimizes airborne sound travel	Yes		
Minimizes potential for moisture build-up	Yes		
Trained and experienced Dealer Network	Yes		
Extensive 3 rd party testing (storm resistance, water absorption)	Yes		
American Lung Association Health House affiliate	Yes		
Energy Star partner	Yes		
U.S. Green Building Council member	Yes		

*The information included in the chart above is subject to vary as any and all conditions change.