

Icynene® Insulation Comparison Chart

ICYNENE LD-C-50™

ICYNENE LD-R-50™

Compare the benefits of ICYNENE LD-R-50™ (renewable-based spray foam) and ICYNENE LD-C-50™ (classic spray foam) with alternate products on the market to demonstrate why Icynene® is the insulation of choice. Comparisons should consider product testing results and certifications, including ASTM testing and compliance with programs such as ICC-ES SAVE™ and the USDA BioPreferredSM Program.

Desired Features	ICYNENE LD-R-50™	ICYNENE LD-C-50™	Alternate Insulation
Material air-seals insulated cavity without extra sealing and labor	✓	✓	
Completely fills irregular or hard-to-reach spaces	✓	✓	
Contains no HFCs or PBDEs	✓	✓	
No harmful long-term emissions	✓	✓	
Not a source of food for mold	✓	✓	
Won't shrink over time	✓	✓	
Not damaged by water	✓	✓	
Minimizes airborne sound transfer	✓	✓	
No framing distortion	✓	✓	
No settling or sagging	✓	✓	
Meets requirements for an Environmentally Preferred Product (EPP) CHPS E.Q. 2.2 Compliant	✓	✓	
Contains "rapidly renewable" material (USGBC definition, requiring a 10-year or less re-growth time frame)	✓		
Exceeds renewable requirement for a bio-based material as per the USDA BioPreferred SM Program	✓		