

Icynene® Product Matrix

Insulation Attribute	ICYNENE LD-R-50™	ICYNENE LD-C-50™	ICYNENE MD-R-200™
R-value†	3.7 per in.	3.7 per in.	5.2 per in.
Density	0.5 lbs./ft³	0.5 lbs./ft³	2.0 lbs./ft³
Foam type	Soft/flexible	Soft/flexible	Rigid/not flexible
Verified as an air barrier (ASTM E 2178 & ASTM E 283)	Yes	Yes	Yes
Global Warming Potential††	1	1	1
Made with renewable or recycled content	Renewable	No	Recycled
HFC-free and PBDE-free	Yes	Yes	Yes
Vapor Permeance (ASTM E96)	17 perms @ 2"	11 perms @ 5.5"	1.3 perms @ 3"
Suitable for residential and commercial application	Yes	Yes	Yes
Low Emitting Material (LEM) as per CHPS E.Q. 2.2 Section 01350	Yes	Yes	Yes
NAHB RC Green Approved	Yes	Yes	Yes
Food source for mold	No	No	No
Contributes to reduction in HVAC sizing	Yes	Yes	Yes

† Icynene products provide improved performance over traditional air permeable insulations at equivalent R-values. Icynene products are not subject to loss of R-value due to aging, windy conditions, settling, convection or air infiltration.

†† All measures of Global Warming Potential (GWP) are given relative to carbon dioxide, the most well-known gas that has a GWP value of 1. Synthetic blowing agents can have a GWP value of as much as 950.

For the most up to date product information, always refer to the product specifications sheets available at Icynene.com.