

ICYNENE AND LEED-NC

Icynene insulation products in LEED for New Construction and Major Renovation (2009)

LEED for New Construction (2009) Credit	Total Available Points	Relevant Benefit of Icynene Insulation and Air Barrier Material	Maximum Icynene Direct Point Contribution		
			ICYNENE LD-C-50™	ICYNENE LD-R-50™	ICYNENE MD-R-200™
EAP2: Minimum Energy Performance	Prerequisite	<p>Icynene products can contribute towards meeting minimum energy performance improvements of:</p> <p>OPTION 1: 10% for new buildings or 5% for major renovations relative to the baseline building performance (ANSI/ASHRAE/IESNA Standard 90.1-2007), or</p> <p>OPTION 2: ASHRAE Advanced Energy Design Guide for small office buildings/ retail buildings/ warehouses and self storage., or</p> <p>OPTION 3: Advanced Buildings Core Performance Guide developed by the New Buildings Institute.</p>	Prerequisite	Prerequisite	Prerequisite
EAC1: Energy Performance	19	<p>Up to 11 % energy savings can be achieved with Icynene insulation versus traditional energy options. This can earn up to 5 points, assuming the minimum energy performance requirements for EAP2 were met through other means.</p> <p>*Icynene insulation products can reduce heating and cooling costs by up to 50%. The 2006 DOE Energy Use study shows that over 40% of building energy consumption is attributed to space heating and cooling. See 2006 U.S. Energy End-Use Split Chart.</p>	5*	5*	5*
MRC4: Recycled Content	2	The 3.4% by weight of recycled content (normalized by adjusting for pre-consumer versus post-consumer) of Icynene's MD-R-200 product can contribute towards the 10-20% of building material, based on cost, required to be made of recycled material in order to earn 1-2 points, respectively.	-	-	<1
MRC5: Regional Materials	2	<p>Projects local to Toronto, Ontario may contribute towards the minimum 10% (1 pt) of local content credit (20% local content required for 2 pts.).</p> <p>**See Regional Sourcing Reference Map in the "Icynene and Your LEED Projects" brochure for the definition of "local". Additionally, Icynene cannot consistently guarantee the source location of our raw materials.</p>	1**	1**	1**
MRC6: Rapidly Renewable Materials	1	The castor oil renewable material content in Icynene's LD-R-50 product can contribute towards the 2.5% of building material, based on cost, required to be made of renewable material in order to earn credit.	-	< 1	-
IEQP1: Minimum Indoor Air Quality Performance	Prerequisite	The reduction in air leakage and accompanying moisture movement provided by Icynene's insulation products may contribute towards meeting the minimum requirements of Section 4-7 of ASHRAE 62.1-2007, Ventilation for Acceptable Indoor Air Quality.	Prerequisite	Prerequisite	Prerequisite