

Smart Builders Care About Your Comfort

When builders offer to use ICYNENE LD-R-50, you can rest assured they are thinking of your long-term comfort. They know that the right insulation is an investment that pays for itself in significant energy savings. It's an investment that you'll rarely see but will feel the effects every day. It's time to love your walls. After all, they can do so much for you.

For more information on how ICYNENE LD-R-50 compares to other insulation options, please visit www.loveyourwall.com.



Reduces energy costs by up to **50%**



Love Your Walls.

They'll Take Care Of You.



ICYNENE LD-R-50™



Icynene.com
800.758.7325

Product information and specifications subject to change without notice. For the most current product information, please consult Icynene.com. ICYNENE LD-R-50™ is a trademark for renewable-based, light density, open-celled, flexible, all water-blown polyurethane foam insulation manufactured by Icynene Inc.

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The Next Generation Of High-Performance, Spray Foam Insulation

ICYNENE LD-R-50 is more than just insulation. Sprayed into walls, it expands to form a flexible foam blanket, made up of millions of tiny air cells. It acts like outdoor sportswear, shielding the home from outside temperatures and reducing drafts and energy costs by up to 50%. Plus, it keeps irritants like allergens outside and minimizes airborne moisture intrusion for improved air quality inside.¹ The best part – it does all of this with a renewable-based formulation derived from castor plants.

ICYNENE LD-R-50 is a versatile spray foam insulation that can be used in wood- or metal-framed homes. It's also ideal for hard-to-reach places like attics, crawl spaces and cathedral ceilings.



ICYNENE LD-R-50 is responsibly derived from the castor plant and contains no HFCs or PBDEs. There are essentially zero greenhouse gas emissions for the production of castor polyol, unlike petroleum-based polyol.



ICYNENE LD-R-50 helps minimize drafts and allergens and can save homeowners up to 50% on their energy bills. Plus, it helps reduce airborne noise from places like playrooms or media rooms for a more comfortable, peaceful environment.



ICYNENE LD-R-50 is a vapor-permeable material, helping to minimize the incidence of moisture-related problems like structural mold or mildew.



Going Green

There are a wide variety of materials available to help you build a green home. But when you choose ICYNENE LD-R-50, you're helping to build a home that is energy efficient, healthier and green. ICYNENE LD-R-50 is an environmentally preferable product² that uses no HFCs, a significant contributor to global warming. It also contains no PBDEs, a fire retardant that can compromise the health of a home. For even more peace of mind, laboratory testing has confirmed that ICYNENE LD-R-50 is not a food source for mold, so you and your family can breathe a little easier.

Castor Plant Fast Facts – A Lot Of Goodness From Humble, Little Beans

- Castor bean plants are grown on land that is not in competition with food crops and rely on natural rainfall, saving scarce water supplies.
- Castor plants are classified as a rapidly renewable resource material and require no pesticides.
- Castor plants absorb carbon dioxide when grown, thereby reducing greenhouse gas accumulations in the atmosphere. The estimated carbon dioxide absorption level of castor bean plants is 34.6 tons per hectare.
- Castor oil is a safe ingredient, commonly used in cosmetics including lip balm.
- Castor oil is 100% naturally filtered, requiring no chemical additives.



1. Adequate mechanical ventilation/air supply should be provided for optimum Indoor Air Quality. See ASHRAE Guidelines. 2. ICYNENE LD-R-50 meets Environmentally Preferable Product requirements, in accordance with CA Material specification 01350.