

ICYNENE MD-R-200™

A Revolution in Medium Density Spray Foam Insulation and Air Barrier Materials



ICYNENE MD-R-200™ demonstrates the commitment of Icynene Inc. to provide products that merge the key standard benefits, found in most medium density spray foam insulations, with innovation in order to improve building performance and minimize environmental impact.

Key Standard Benefits vs. Light Density Spray Foam Insulation:

- High R-value per inch;
- Higher compressive strength;
- Higher tensile strength; and
- Lower vapor permeance.

ICYNENE MD-R-200™ Delivers Advancements in Medium Density Spray Foam Insulation with a Package of New Features:

- 100% water-blown technology
- A blowing agent with the lowest Global Warming Potential (GWP)¹ value of 1
- No ozone-depleting blowing agent
- No synthetic blowing agents such as HFCs
- No PBDEs (Polybrominated diphenyl ethers)
- Contains 12.6% recycled plastic in the MD-R-200™ resin
- A Low-Emitting Material as per CHPS EQ 2.2 Section 01350

The revolutionary technology employed within ICYNENE MD-R-200™ also facilitates a quicker application in various conditions. Icynene Licensed Dealers have witnessed how ICYNENE MD-R-200™ can be applied on a variety of substrates and substrate conditions. In-field applications have also identified that ICYNENE MD-R-200™ can be installed under a wide range of temperature and humidity conditions.

Featuring recycled content and 100% water-blown technology, ICYNENE MD-R-200™ allows a building to be insulated and air-sealed for superior energy conservation while minimizing environmental impact.

¹ All measures of GWP are given relative to carbon dioxide, the most well-known gas with global warming potential, which has a GWP of 1. Synthetic blowing agents can have a GWP of as much as 950, which means they have as much as 950 times the GWP of the water-blown technology of ICYNENE MD-R-200™.

ICYNENE MD-R-200™

Healthier, Quieter, More Energy Efficient®

Icynene® foam insulation products are sprayed into or onto walls, crawlspaces, underside of roofs, attics and ceilings by Icynene Licensed Dealers. They expand to create superior insulating and air-sealing results. Every crevice, crack and exterior penetration is effortlessly sealed to reduce energy-robbing random air leakage. Icynene products adhere to a variety of substrates and in numerous conditions.

Ideal for residential, commercial, industrial and institutional indoor applications, Icynene products are:

Healthier: Icynene spray foam products are CHPS (Collaborative for High Performance Schools) EQ 2.2 Section 01350 Compliant, meeting nationally recognized requirements as Low-Emitting Materials (LEM). Icynene spray foam products seal out dust, pollen and other allergens from entering the structure. As air barriers, Icynene products minimize the potential for airborne moisture buildup and related problems such as mold and mildew.

Quieter: By air-sealing the building envelope, Icynene effectively minimizes airborne sounds. Icynene is perfect for reducing unwanted noises from home theaters, plumbing runs and playrooms.

More Energy Efficient: Icynene delivers up to 50% more energy savings versus air-permeable insulation.

Other Icynene Insulation and Air Barrier Materials:

ICYNENE LD-C-50™ Light Density (0.5 lb psf) Spray Foam Insulation

ICYNENE LD-R-50™ Light Density (0.5 lb psf) Spray Foam Insulation with Renewable Content

Using 100% natural castor oil, ICYNENE LD-R-50™ reduces the need for petroleum-based polyol. A Verification of Attributes Report, issued by the International Code Council's Evaluation Services, confirms the product meets minimum requirements for a bio-based material. Castor oil possesses numerous environmental benefits. Please visit **icynene.com** for more information.

Icynene's evaluation services report (ESR 0165) for its Light Density products is available on request.

Always refer to the Icynene Product Spec sheets on Icynene.com for the most current product information.



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