# Honeywell Enovate® Blowing Agent

## Closed-cell spray foam insulation for your home

Honeywell

# Insulation for More Comfortable and Energy Efficient Homes

Honeywell is a leading supplier of blowing agents for closed-cell spray foam insulation. Blowing agent technology has been in use since the 1940s and Honeywell has been at the forefront of every major improvement in blowing agent technology.

Blowing agents make foam expand during application. Trapped in the (closed) foam cells, the blowing agent is the main factor in determining thermal insulation performance.

Polyurethane closed-cell spray foam insulation is the most advanced insulating material available to the construction industry. It forms an air seal that prevents air leakage, provides greater thermal insulation performance and helps reduce outside and inside noise.[1] Homeowners will enjoy greater energy efficiency and comfort through improved indoor air quality, noise reduction and better moisture control.

Spray foam insulation formulated with non-flammable, non-ozone-depleting Honeywell Enovate® Blowing Agent (HFC-245fa) is the homeowner's best choice.

## Choose closed-cell spray foam with confidence

Homeowners are taking a more active role in the construction and maintenance of their homes, and are interested in products with lower environmental impact as well as quality. Every homeowner should know about and ask for closed-cell spray foam insulation for its exceptional performance and energy efficiency.

## Higher Energy Efficiency

Closed-cell spray foam insulation provides exceptional air sealing and thermal insulation performance, which results in heating and cooling cost savings. Additionally, closed-cell spray foam insulation doesn't shrink or settle so you'll enjoy these savings for the life of your home.

## Better Indoor Air Quality

Closed-cell spray foam insulation helps prevent uncontrolled outdoor air infiltration and the penetration of dust, pollen and other allergens.

## Greater Comfort

Because drafts are virtually eliminated it's easier to maintain a consistently comfortable temperature without hot and cold spots. Closed-cell spray foam insulation can also help reduce noise transfer and sound penetration.[1]

## Enhanced Moisture Barrier and Condensation Control

Moisture in the home can damage woodwork and drywall and can even

lead to the growth of mold. Closed-cell spray foam insulation offers superior performance in resisting moisture transmission and condensation.

## Improved Structural Integrity

Closed-cell spray foam insulation is stronger and more rigid than other insulations, which can strengthen frame walls and roofs by a factor of 2 to 3 times when applied inside the wall cavities and roofing rafter systems.[2]

***Note:*** Because spray foam formulations vary from manufacturer to manufacturer, interested home builders and home owners should consult the spray foam specification sheets to understand the exact properties. Savings vary. Find out why in the seller's fact sheet on R-values.

[1]University of Louisville,Sound absorption Properties of Urethane Foams, George Ball III, August 1959
[2]NAHB, "Testing and Adoption of Spray Polyurethane Insulation for Wood Frame Building Construction", 5-25-92

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