

DuPont and ENERGY STAR®

PARTNERING TO MAXIMIZE CONSUMER CONFIDENCE

According to ENERGY STAR®, “sealing the building envelope is one of the most cost-effective ways to lower the home’s utility bills and improve comfort.”

The new ENERGY STAR® Home Sealing™ program recommends three steps to improve the building envelope:

- Seal air leaks
- Add insulation
- Use ENERGY STAR® qualified windows

Wrapping a home with a continuous air barrier like DuPont™ Tyvek® weather-resistant barriers helps seal the building envelope and it’s a good building practice. DuPont™ Tyvek® acts as a windbreaker for homes, helping resist air infiltration and water intrusion. Studies have shown that DuPont™ Tyvek® helps reduce air leakage by 10-30% depending on construction variables.¹

Advantages for today’s builders and architects

The ENERGY STAR® Home Sealing™ program and DuPont™ Tyvek® provide assurance to consumers that their home includes high-quality, energy-efficient materials for greater cost-savings and long-term building value.



DuPont™ Tyvek® provides a weather-resistant barrier that helps seal the building envelope for more energy efficient, healthier homes in accordance with the ENERGY STAR® Home Sealing™ program.

¹Based on blower testing of paired comparison production homes in California and Virginia.



EPA recommends sealing air leaks and adding insulation to make your home more comfortable, reduce energy bills, and help our environment.

DuPont™ Tyvek® helps reduce air infiltration as part of the ENERGY STAR® Home Sealing guidelines.



What can DuPont™ Tyvek® do for you?

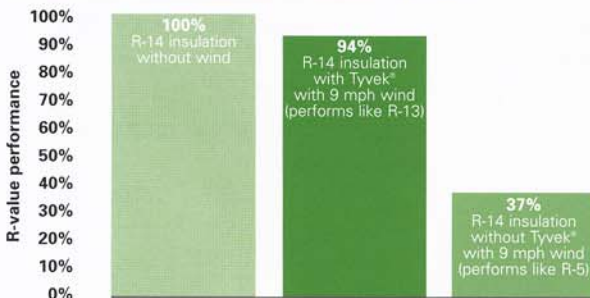
Increased Building Durability

Installing DuPont™ Tyvek® at the start of construction helps protect building materials from water penetration by keeping bulk water out and allowing smaller water vapor molecules to pass through. Decreasing exposure to the elements helps prevent the formation of mold and helps protect the structure from corrosion.

Better Energy Performance

Studies have shown that air leakage accounts for between 25% and 40% of the energy used for heating and cooling a typical residence. The ENERGY STAR® Home Sealing™ guidelines advise sealing the building envelope during construction prior to the installation of drywall. Many air leaks cannot be properly sealed after drywall is installed. DuPont™ Tyvek® helps control the air coming into the building to preserve the R-value of walls.

A home wrapped in DuPont™ Tyvek® will maintain 94% of its installed R-value, compared to only 37% for a home without Tyvek®.



Insulation can lose up to 63% of its installed R-value without using DuPont™ Tyvek®.

Economic Benefits

Controlling the air coming into the walls is more important than adding more insulation to give you the performance and comfort you expect. Be sure to get the best energy efficiency in your homes without the cost of additional insulation.

Reduced utility bills are a powerful selling point for potential home buyers. In fact, 60% of purchasers surveyed report the ENERGY STAR® logo influenced their decision to buy.



DuPont has been a proud ENERGY STAR® partner since 1994



The miracles of science™



Because DuPont™ Tyvek® is a vapor-permeable, weather-resistant membrane, it helps prevent bulk water from getting into the wall system and helps allow smaller vapor molecules to escape—helping prevent the formation of mold.



The DuPont™ Tyvek® Specialist Network, a national group of over 160 highly-trained field representatives, is available to assist you during your DuPont™ Tyvek® installation.

With DuPont™ Tyvek®, you get not only the most advanced weather-resistant protection available, you also get the peace of mind that comes from working with DuPont and the ENERGY STAR® Program.

Call your local DuPont™ Tyvek® Specialist to learn more about DuPont™ Tyvek® and the ENERGY STAR® Program.

www.Tyvek.com 1-800-44-TYVEK

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