



Tyvek.

DuPont™ Tyvek® ThermaWrap™ R5.0.

Breathable air, water and thermal protection
in one roll.



DuPont™ Tyvek® ThermaWrap™ R5.0. The next revolution in weatherization technology—one breathable product for air, water and thermal protection.

DuPont™ Tyvek® ThermaWrap™ R5.0 offers the air and water management benefits of all DuPont™ Tyvek® weather barriers with an R-value of 5.0. Compared to other exterior insulation products, the unique structure

of Tyvek® ThermaWrap™ R5.0 allows any moisture that may get inside the wall to dry and escape to the outside, helping to prevent the accumulation of water in the wall, reducing the chance for water damage and mold.



Tyvek® ThermaWrap™ R5.0 helps you meet or exceed new energy code requirements, without sacrificing the durability of the homes you build.

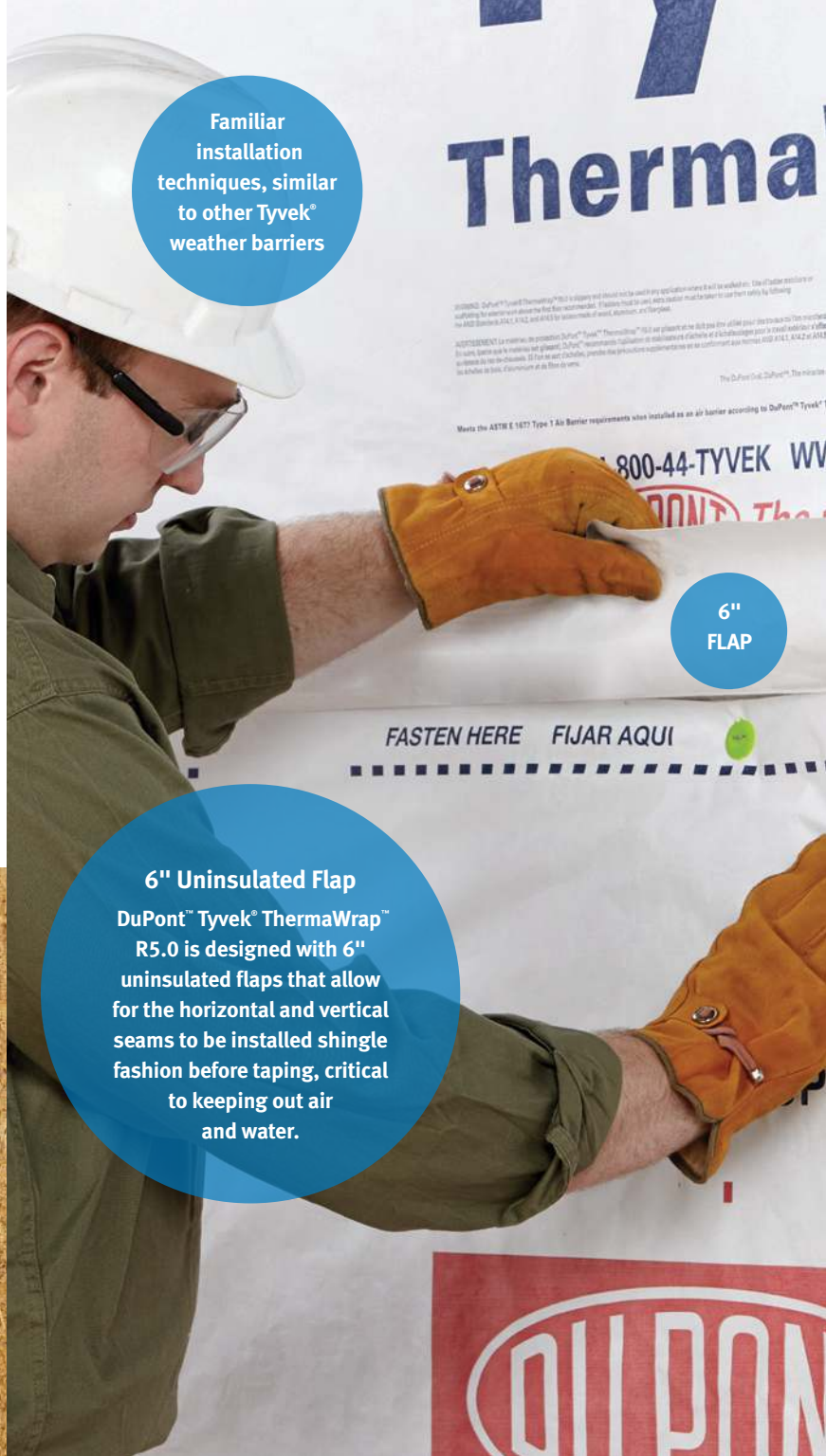
Easy and familiar installation.

DuPont™ Tyvek® ThermoWrap™ R5.0—like other Tyvek® weather barriers—can be installed using familiar techniques and materials, including DuPont™ Flashing Systems products, Tyvek® Tape, Tyvek® Wrap Caps and DuPont™ Residential Sealant.

Tyvek® ThermoWrap™ R5.0 is made with 6" uninsulated flaps at the start and bottom of each roll, allowing all horizontal and vertical seams to be installed in a shingled fashion. This cannot be accomplished with rigid exterior insulation products and is an essential step to keep water and air out of the wall.

Reduce the risk of callbacks.

When installed properly, DuPont™ Tyvek® ThermoWrap™ R5.0 can help reduce the risk of callbacks because it is a breathable alternative to non-vapor permeable exterior insulation products. This means that if water enters the wall cavity, as it evaporates, the moisture vapor is able to escape back to the outside of the home, rather than accumulate in the wall. With other exterior insulations that are not vapor permeable or breathable, when water gets behind the insulation it is unable to dry effectively, potentially leading to mold and water damage. You can be confident that with Tyvek® ThermoWrap™ R5.0, you are getting the optimal balance of air, water and thermal protection, as well as breathability, which is critical to high-performance walls and more energy-efficient, durable homes.



Familiar installation techniques, similar to other Tyvek® weather barriers

6"
FLAP

6" Uninsulated Flap
DuPont™ Tyvek® ThermoWrap™ R5.0 is designed with 6" uninsulated flaps that allow for the horizontal and vertical seams to be installed shingle fashion before taping, critical to keeping out air and water.

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Tyvek® ThermaWrap™ R5.0 features/benefits at a glance:

- Convenient, easy-to-handle 4' x 40' roll that allows for **easier installation** than rigid exterior insulation.
- **It breathes**, allowing any water in the wall to dry and the moisture vapor to escape to the outside.
- Provides **continuous exterior insulation (CI)**, increasing the R-value of the wall while **reducing thermal bridging**.
- Can be **installed shingle fashion**, reducing the potential for water infiltration and air leakage.
- Windows, doors and penetrations can be **easily flashed** using available DuPont™ Flashing Systems products.
- Made with **20% pre-consumer, recycled polyolefin**.
- **Class A** flame spread and smoke developed index rating with **no added fire-retardant chemicals**.
- **Energy savings** and improved comfort for building occupants.
- Significantly **reduces Home Energy Rating System (HERS)** scores in various climate zones.
- Helps meet or **exceed changing building and energy codes** and standards.
- Increases the sheathing temperature, **decreasing the chance for interstitial wall condensation** in heating climates.
- Backed by a **10-year limited warranty**.
- **Supported nationally** by the DuPont™ Tyvek® Specialists Network and the DuPont™ Building Knowledge Center.

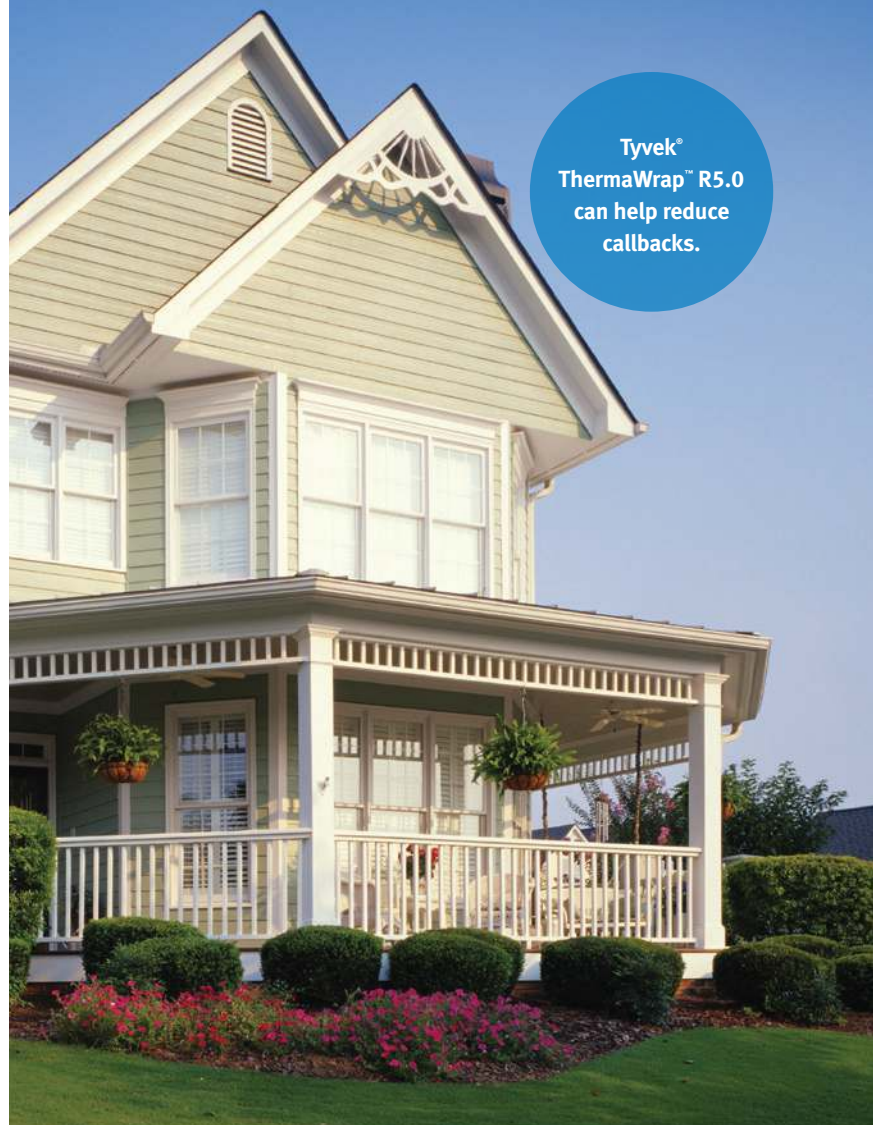


The unique structure of DuPont™ Tyvek® ThermaWrap™ R5.0 provides the ideal balance of air and moisture management and offers an R-value of 5.0.

Moisture Vapor

Dependability from the name you trust.

For over 30 years, DuPont™ Tyvek® weather barriers have been synonymous with protecting buildings from air and water. They have been used on millions of homes in every climate to provide consistent protection while helping to improve energy efficiency. Tyvek® ThermaWrap™ R5.0 continues this tradition of protection with the added benefit of an R5.0 insulating value to help you build more energy-efficient homes.



Tyvek®
ThermaWrap™ R5.0
can help reduce
callbacks.

In the last several editions of the National Model Energy Code (IECC), the thermal requirements, or the R-value, of houses' walls have been increased in an effort to improve the energy efficiency of newly constructed homes. The Model Energy Code issued in 2012 continues this trend and requires even more significant increases in R-value and air leakage reductions for houses.

DuPont™ Tyvek® ThermaWrap™ R5.0 can help you meet the increased R-value and air leakage requirements.

To learn more go to www.Weatherization.Tyvek.com or call 1-800-44-Tyvek

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The higher the R-value, the greater the insulating power. Ask your seller for the fact sheet on R-values. DuPont™ Tyvek® ThermoWrap™ R5.0 uses a blanket insulation made of polyester and polyolefin fibers and will produce an R5.0 insulating value at a thickness of 1.5 inches. Copyright © 2013 DuPont. All rights reserved. The DuPont Oval Logo, DuPont®, The miracles of science®, ThermoWrap™ R5.0 and Tyvek® are trademarks or registered trademarks of E.I. du Pont de Nemours and Company or its affiliates. K-27293 (11/13)