



Tyvek.

DUPONT™ TYVEK® THERMAWRAP® R5.0

CONSORT HOMES



PROJECT CREDITS

Project: Consort Homes - Model Home - Lot 181

Project Size: 1800 sq. ft. (interior) ranch with basement and 3 car garage

Project Type: Residential, New Construction

Cladding Type: Vinyl Siding (Mastic Quest .046)

Location: Wentzville, MO

Architect: In-house at Consort

Developer: Consort Homes

General Contractor: Consort Homes

DuPont™ Tyvek® Certified Installer: CCS Framing

DUPONT PRODUCTS USED ON THIS PROJECT

- DuPont™ Tyvek® ThermaWrap® R5.0
- DuPont™ Insulated Batten CT
- DuPont™ Vinylign™ Nail Depth Regulator
- DuPont™ FlexWrap™ NF
- DuPont™ Flashing Tape
- DuPont™ Tyvek® Tape
- DuPont™ Tyvek® Wrap Cap Staples

THE GOAL: Consort Homes, a production home builder in St. Louis, constructs more than 120 homes each year. Consort set a goal of becoming the regional industry market leader in staying ahead of the curve on energy codes. By working with the DuPont™ Tyvek® Specialist, Consort learned about the benefits of DuPont™ Tyvek® ThermaWrap® R5.0 as a continuous exterior insulating weather barrier that was breathable and delivered an addition R5.0 value to the building walls. Consort decided that DuPont™ Tyvek® ThermaWrap® R5.0 would be used on one of their model homes being built to showcase innovative options in energy savings to the home buyer. They also wanted to be ahead of their competition by being the first in the St. Louis market to launch this initiative.

THE CHALLENGE: As a newer product in the industry, the carpenters and weatherization installers had to learn the proper installation requirements of Tyvek® ThermaWrap® R5.0 (bumping out openings, using the DuPont™ Insulated Batten CTs, handling a thicker and heavier style Tyvek®) as well as ensuring the vinyl siding would not appear wavy or stick out with the thicker Tyvek® ThermaWrap® R5.0. Hallmark Building Supplies, the Tyvek® ThermaWrap® R5.0 distributor, worked with Great Central Lumber who supplied the Tyvek® ThermaWrap® R5.0 and ABC Supply who supplied the siding and determined the best vinyl siding for the job. The DuPont™ Building Knowledge Center Technician and DuPont™ Tyvek® Specialist trained the Consort builders on installation details and showed them the benefit of using the DuPont™ Vinylign™ nail depth regulator designed to ensure uniform vinyl siding installation.



DUPONT™ TYVEK® THERMAWRAP® R5.0

THE SOLUTION: Consort Homes now offers Tyvek® ThermaWrap® R5.0 as a comfort and energy savings upgrade package to home buyers. As a result of this installation and energy cost comparisons conducted, Consort believes in the value and benefits of Tyvek® ThermaWrap® R5.0 and is pleased to have it as part of their building offering. To support Consort's commitment to being a provider of energy savings and innovation, Hallmark Building Supplies promoted the new model home with a full-page cover ad in *Builder News* magazine.

To help potential home buyers understand the value of ThermaWrap® R5.0, an entire garage wall was installed with the product inside the garage of the model home with a copy of the Ad to help them see and touch what was installed under the vinyl siding outside of the house.

Consort did an energy cost savings comparison using the same style model home and the one with Tyvek® ThermaWrap® R5.0 and they believe that the Tyvek® ThermaWrap® R5.0 home saves about 20% on the electric bill and validating the return on investment.



"I know using the DuPont™ Insulated Batten CT is more expensive than wood but it ensures best performance with DuPont™ Tyvek® ThermaWrap® R5.0 and I know we will get our return on investment.

I want Consort to be first and lead our competitors and Tyvek® ThermaWrap® R5 is another way we can do that."

Greg Bowers
Purchasing Manager
Consort Homes

"This stuff is a lot easier to work with than I thought.

Bumping out the openings is no problem. We are carpenters, this is what we do."

CCS Framer/Installer

For more information on DuPont™ Tyvek® Weatherization Systems, please call 1-800-44-TYVEK or visit www.tyvek.com