

DuPont Building Envelope Solutions

Help Simplify a Complex Construction Project



Project Credits:

Project: Willowick Park

Project Size: 463,721 ft²

Project Type: Multi-Family, New Construction

Location: St. Houston, Texas

Architect: Ziegler Cooper Architects

Developer: Martin Fein Interests, Ltd.

General Contractor: Westchase Construction, Ltd.

DuPont Products Used On This Project:

- DuPont™ Tyvek® Fluid Applied Weather Barrier (WB)
- DuPont™ Tyvek® CommercialWrap®
- DuPont™ Tyvek® HomeWrap®
- DuPont™ Tyvek® StuccoWrap®
- DuPont™ Tyvek® Fluid Applied Flashing & Joint Compound
- DuPont™ StraightFlash™
- DuPont™ FlexWrap™

The Goal:

This ambitious project covers three city blocks and consists of three construction projects being carried out simultaneously, including two distinct mid-rise apartment buildings, and a cluster of townhomes.

The Challenge:

To be able to use a single, high-performing building envelope system that can fulfill the requirements of all three building types and help simplify logistics, ease construction, and control costs—all while optimizing durability, comfort and energy efficiency for the new, upscale rental properties.

The Solution:

DuPont offers an integrated weatherization solution consisting of both a fluid applied air and water barrier and mechanically-fastened building wraps. DuPont WRB's integrate with DuPont Flashing Products to create a complete air and water barrier solution.

"Tyvek® is the premier wrap on the market. I've been using it for 20+ years, and never had a problem. Most designers are familiar with it and know that it works.

And, Tyvek® has one of the better perm ratings out there. With Houston's extreme heat and humidity, having a product that acts as a moisture barrier but doesn't trap moisture is really important to prevent corrosion, rot, and health issues such as mold growth."

- Ray Schenk, General Contractor

Westchase Construction, Ltd.
Project Manager for Willowick Park



**For more information visit us at
tyvek.com or call 1-800-448-9835.**

NOTICE: No freedom from any patent owned by DuPont or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where DuPont is represented. The claims made may not have been approved for use in all countries or regions. DuPont assumes no obligation or liability for the information in this document. References to "DuPont" or the "Company" mean the DuPont legal entity selling the products to Customer unless otherwise expressly noted. NO EXPRESS WARRANTIES ARE GIVEN EXCEPT FOR ANY APPLICABLE WRITTEN WARRANTIES SPECIFICALLY PROVIDED BY DUPONT. ALL IMPLIED WARRANTIES INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. The buyer assumes all risks as to the use of the material. Buyer's exclusive remedy or any claim (including without limitations, negligence, strict liability, or tort) shall be limited to the refund of the purchase price of the material. Failure to strictly adhere to any recommended procedures shall release DuPont Specialty Products USA, LLC or its affiliates, of all liability with respect to the materials or the use thereof. The information herein is not intended for use by non-professional designers, applicators or other persons who do not purchase or utilize this product in the normal course of their business.

CAUTION: When cured, these products are combustible and will burn if exposed to open flame or sparks from high-energy sources. Do not expose to temperatures above 240°F (116°C). For more information, consult (Material) Safety Data Sheet ((M)SDS), call DuPont at 1-866-583-BLUE (2583) or contact your local building inspector. In an emergency, call 1-989-636-4400 in the U.S. or 1-519-339-3711 in Canada. The blowing agent contained within this product can exhibit vapor flame limits under the right conditions. If specific operating conditions are such that concentrations of the blowing agent above the lower flammable limit can accumulate in areas with high relative humidity and in the presence of high-energy electrical discharges or other ignition sources, additional measures such as increased ventilation or coded electrical equipment (class one, division two) may be warranted. DO NOT SMOKE DURING USE. DO NOT USE NEAR ANY OPEN FLAME OR ELECTRICAL SOURCE. OUTDOOR USE ONLY. INDOOR USE INCREASES LIKELIHOOD OF IGNITABLE CONDITIONS. INSTASTIK™ Quik Set Commercial Roofing Adhesive contains isocyanate and a blowing agent. Read the label and (Material) Safety Data Sheet ((M)SDS) carefully before use. Wear gloves, and goggles or safety glasses. Provide adequate ventilation or wear proper respiratory protection. Contents under pressure. For outside use only.

DuPont™, the DuPont Oval Logo, and all trademarks and service marks denoted with ™, SM or ® are owned by affiliates of DuPont de Nemours, Inc. unless otherwise noted. © 2020 DuPont

43-D100819-enNA-0320