

DUPONT™ WEATHERIZATION SYSTEM PRODUCTS

Help Simplify a Complex Construction Project



PROJECT CREDITS

Project: Seaholm Power Plant Redevelopment

Project Size: 300,000 ft²

Project Type: Mixed Use Multi-Family, Modernization and New Construction

Location: Austin, Texas

Architect: STG Design

General Contractor: Flintco

DuPont™ Tyvek® Certified Installer: Diversified Thermal

Building Envelope Consultant: Curtainwall Design Consulting (CDC)

DUPONT PRODUCTS USED ON THIS PROJECT:

- DuPont™ Tyvek® Fluid Applied Weather Barrier (WB)
- DuPont™ Tyvek® Fluid Applied Flashing & Joint Compound
- Sealant for DuPont™ Tyvek® Fluid Applied System
- DuPont™ StraightFlash™

THE GOAL: Built in the 1950s, the long-dormant Seaholm power plant offers a unique opportunity to preserve a key piece of Austin's past and unite it with the region's vibrant future. This \$130 million redevelopment includes a mix of 143,151 ft² of office space, 280 high-rise condos, 48,363 ft² of retail shops and restaurants, and meeting space surrounded by a dramatic and accessible plaza.

THE CHALLENGE: To be able to use a single, high-performing building envelope system that can provide continuous weather protection on all new construction. Also, the size of the project required a product with exceptional UV-resistance along with the ability to withstand Austin's rainy spring weather to help minimize delays during construction.

THE SOLUTION: DuPont™ Tyvek® Fluid Applied System products are made using a unique form of Silyl-terminated polyether polymer technology (STPE) the most advanced, high-performance polymer technology available in weather barriers today. The product contains 98% solids, resists wash off and offers exceptional elongation and recovery, minimal shrinkage and cracking during curing and 9 months of UV resistance.

"When the design team approached us, they were interested in an air and water barrier that provided excellent UV- and water-resistance. We discussed the benefits of the DuPont™ Tyvek® Fluid Applied System and its superior STPE formulation, and agreed that our system would be the ideal solution for this project."

Corey Ball

DuPont™ Tyvek® Senior Certified Specialist
Weatherization Partners, Ltd., Austin, Texas

**For more information visit us at
www.weatherization.tyvek.com
or call 1-800-44-Tyvek**