HUGHES LANDING PROJECT
THE WOODLANDS, TEXAS

PECORA AIR BARRIERS

PECORA XL-PERM ULTRA VP & PECORA XL-FLASH

Located in The Woodlands, Texas, the Hughes Landing Project is a 130,000-square-foot residential apartment development featuring the installation of a high-performance air, vapor, and water resistive barrier system. Progress was tracked from mock-up through full installation, ensuring product performance and system integrity throughout.

Chamberlin Roofing & Waterproofing of Houston, Texas, led the installation, beginning with a thorough mock-up to validate the system's detailing and ensure consistency throughout the application process. Once wall assemblies and sheathing were in place, XL-Flash was used to seal all window and door openings and to treat joints between the sheathing boards. This step was critical in providing a seamless transition between substrates and in preventing the intrusion of air and moisture.

Following the flashing installation, XL-Perm ULTRA VP was applied across the exterior envelope of the building. Although the product allows for spray application, the team used a roller method, ensuring full coverage and compatibility with project conditions. The XL system, comprised of XL-Flash and XL-Perm ULTRA VP, is designed to work together as a continuous barrier that controls the movement of air and water vapor through the wall assembly.

Pecora XL-Perm ULTRA VP and XL-Flash are designed to work together as a high-performance, fully compatible air, vapor, and water resistive barrier system. XL-Perm ULTRA VP is a fluid-applied, vapor-permeable air barrier that provides a

continuous membrane across exterior walls, helping control air leakage and managing moisture vapor diffusion. XL-Flash is a fast-drying, elastomeric flashing and detailing compound used to seal rough openings, sheathing joints, and transitions, forming a seamless and flexible bond to a variety of substrates. Together, these products create a durable and energy-efficient envelope that supports long-term building performance.

This project highlights the effective coordination between product systems and applicators, emphasizing the importance of a cohesive building envelope in multi-family residential construction. Chamberlin's attention to detail and adherence to installation best practices contributed to the successful application of the XL system on the Hughes Landing Project.

To learn more about our air barrier systems and corresponding products, please visit our website at www.pecora.com.