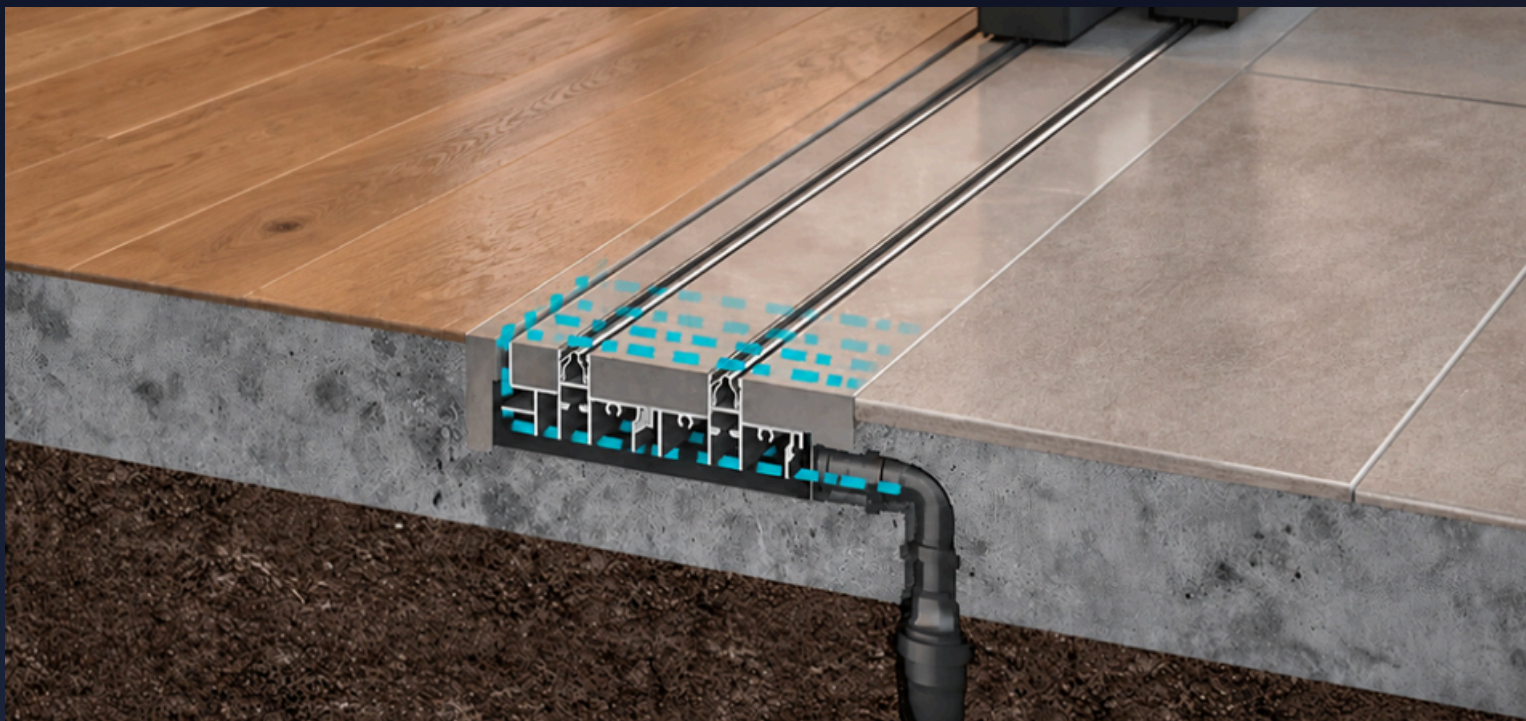
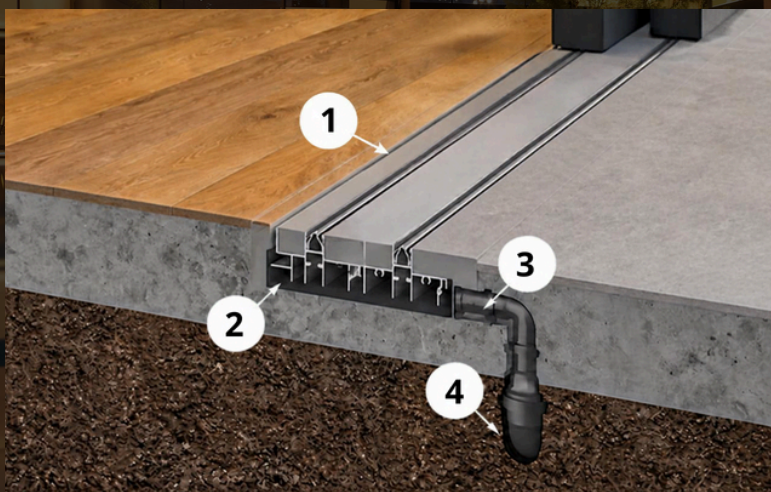


LUXURY FROM THE GROUND UP



A signature element of luxury residential design is the integration of flush sills or thresholds, allowing for a seamless transition between indoor and outdoor living spaces. Achieving this look, however, requires effective and reliable water drainage at the sill. Fleetwood Windows & Doors' proprietary, tested, and certified* Arche-Duct system provides effective water management in a flush sill, even under hurricane force conditions for some products and configurations.

Engineered Water Management

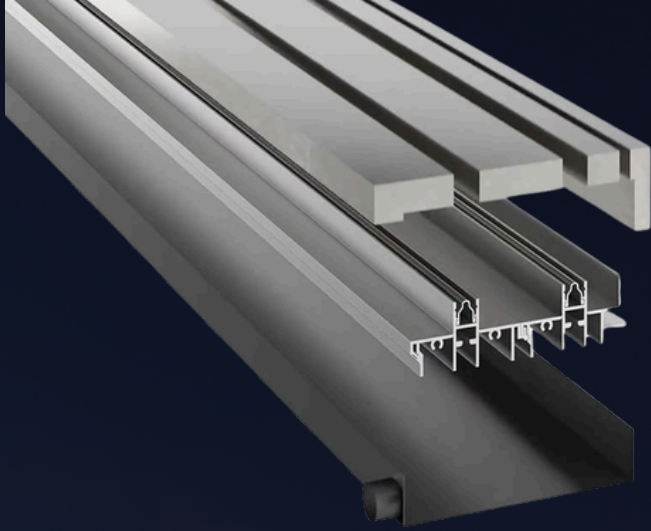


The Arche-Duct system functions as a contained drainage basin, actively managing water before it can reach interior finishes.

1. A narrow slot captures surface water across the full width of the opening
2. Water is directed into an integrated 2" deep aluminum duct in the subfloor
3. The duct connects to a drainage pipe below the floor
4. Water is routed safely back to the exterior of the structure

* Tested and Certified Arche-Duct systems include: 3070, 3070-T, 3070-HI, 3050, 4070-T, 4400-T, EDGE |s|, EDGE |p|, EDGE |f|. Arche-Duct systems that have not been formally certified but provide enhanced water management include 3600-T, 3200-T, 3900-T, and 4400 Wood.

LUXURY FROM THE GROUND UP



Hidden Sill Drainage

Designed for most residential applications where water exposure is moderate and properly managed through architectural design.

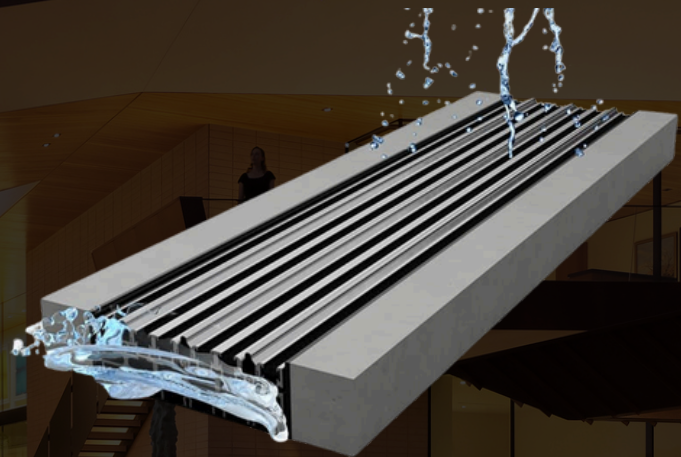
- Ideal for the majority of U.S. climates
- Balances performance with minimal aesthetics
- Supports clean, narrow sightlines
- Include: 3050, 4070-T, 3200-T, 3900-T, 3600-T, EDGE |s|, EDGE |p|, 4400-T, 4400 Wood

Designed for Integration. Engineered for Performance.

High Performance/HVHZ

Engineered for demanding environments, including coastal and hurricane-prone regions.

- Wider sill profile with increased exposed track
- Enhanced weatherstripping and water management capacity
- Designed to handle high wind-driven rain conditions
- Higher Performing: 3070 and 4070-T with heavy duty Arche-Duct options.
- Miami Dade Certified: 3070-HI and 3070-T



Installation & Coordination

Arche-Duct is straightforward to install, but it is not a standalone component.*

Successful implementation requires coordination with:

- Floor assembly design
- Waterproofing strategy
- Drainage routing (typically 1"–2" pipe connections)
- Site grading and exterior water management

Water Performance

- 3070 Arche-Duct: Up to 9 PSF
- 4070-T Heavy Duty Arche-Duct: Up to 7.5 PSF
- 3070-HI: Miami-Dade / FBC HVHZ
- 3070-T: Miami-Dade / FBC HVHZ

