DUPONT™ RAINVENT™ BATTEN

A significant percentage of building failures are related to the mismanagement of moisture. DuPont™ RainVent™ Batten is a patent-pending, corrugated polypropylene batten available in 1 5/8 inch wide strips by 3/8 inch thick by 8 feet long for use in residential wall construction.

Trapped moisture in walls can create substantial mold problems and water damage which can lead to expensive repairs to the walls, sheathing, framing and the foundation. And with more insulation in today's homes, reduced drying can lead to premature cladding failure.

DuPont™ RainVent™ Battens when installed over DuPont™ Tyvek® water-resistive barriers create an intentional airspace between the cladding and the sheathing for a more durable moisture management solution that helps reduce the potential for water damage and mold.

The Four D's of water management in walls are: deflection, drainage, drying and durability. Where additional interior wall assembly drying is needed, use of DuPont™ RainVent™ Battens provides an optimal moisture management solution for drainage, drying and durability. In regions of the country that receive low to moderate rainfall annually DuPont™ Tyvek® HomeWrap® with cladding still provides a sufficient drainage plane for the moisture penetration to both drain and dry.

HOW IT WORKS

In typical wood-framed wall construction a DuPont™Tyvek® water-resistive barrier (WRB) is installed over sheathing. The window is installed and flashed at the sheathing interface. Ventilation behind the cladding is enhanced by the DuPont™ RainVent™ Battens installed over the Tyvek® WRB. For optimal drying performance ventilation openings should also be included at the top and bottom of the wall to allow for airflow both vertically and horizontally.

FEATURES & BENEFITS

- Allows air circulation behind wood, stucco, stone masonry, vinyl, panel siding and fiber cement cladding types, providing a vertically and horizontally ventilated cavity to enhance drying and a capillary break from sheathing
- Moisture dissipates quickly, wall sheathing and framing are preserved, mold growth and risk of water damage is reduced
- Polypropylene construction makes it more durable and less susceptible to water damage than wood furring strips
- Lightweight and easy to install
- Helps reduce degradation of exterior cladding
- Eliminates the use of pressure treated material furring strips
- Stapled- No expensive stainless steel fasteners
- Compliant with Oregon Residential Specialty Code Section R703.1
- Meets National Building Code of Canada capillary break requirement for high moisture index
- Meets or exceed applicable US Building Codes