

# Fluid Applied Weather Barrier Systems for Multifamily Value & Performance

When it comes to fluid applied weather barrier (WB) systems, it's good to know multifamily architects, specifiers, owners, developers, builders, and consultants can have it both ways: Above-code building performance from a trusted name with fast, simple one-pass application using standard spray application tools.

Here are 10 reasons why **DuPont™ Tyvek® Fluid Applied WB+™** is a specification favorite for production-minded multifamily building professionals:

- 1. Proven STPE Technology.** DuPont™ Tyvek® Fluid Applied WB+™ is made using the most advanced, high performance polymer available—silyl-terminated polyether. There's nothing like it for elongation and recovery, minimal shrinkage and cracking during curing, wash-off proof, low temperature application, and other attributes that outperform acrylic and bitumen-based products.
- 2. Fast, Easy Spray-On.** Applied using standard, construction-grade spray equipment. DuPont™ Tyvek® Fluid Applied WB+™ is very spray-friendly, covering to the recommended perm rating at just 25 mils. That offers 2 to 3 times the coverage of competitive products, depending on substrate conditions (temperature and moisture), substrate porosity, and uniformity of application.
- 3. DuPont™ Tyvek® Fluid Applied WB+™ exhibits exceptional elongation and recovery properties.** When stretched it acts like a rubber band allowing the membrane to move with the building.
- 4. No-Rush Cure Rate.** No need to rush spraying or risk safety because of a fast cure rate. DuPont™ Tyvek® Fluid Applied WB+™ cures within two hours at 70°F and

50 percent relative humidity, supporting a quality application with minimal product waste.

- 5. Substrate Versatility.** DuPont™ Tyvek® Fluid Applied WB+™ is engineered for enduring adhesion across a wide range of substrates, including concrete, concrete masonry units (CMU), gypsum, metal, plywood, and OSB.
- 6. Single Source Peace of Mind.** Most multifamily building projects call for a combination of wrap and fluid applied products. DuPont™ Tyvek® offers architects, specifiers, owners, and developers a wide array of wrap and fluid applied solutions including Tyvek® Fluid Applied Flashing & Joint Compound+, DuPont™ Sealant for Tyvek® Fluid Applied WB+™, and DuPont™ Tyvek® self-adhered flashing products. Single-vendor availability simplifies downstream issues.
- 7. Code Compliant.** The DuPont™ Tyvek® Fluid Applied WB+™ system has been tested and meets both weather-resistant and air barrier codes and standards requirements. It also meets fire control standards including NFPA 285. [Check here](#) for complete details.
- 8. LEED™ Points.** DuPont™ Tyvek® Fluid Applied WB+™ may contribute toward LEED™ points in the areas of Energy and Atmosphere: Optimizing the Building Envelope and Indoor *Environmental Air Quality: Construction IAQ Management Plan and Low Emitting Materials*. Also, the use of a continuous air barrier is a prerequisite for LEED™ applications requiring compliance with ASHRAE 90.1-2010.
- 9. Weather-Tolerant Application.** The installation temperature range runs from 25°F (ambient) to 140°F (shaded surface temperature or 95°F ambient) and may be installed on damp surfaces. DuPont™ Tyvek® Fluid Applied WB+™ will not wash off the wall when exposed to liquid water, even before curing.



- 10. DuPont™ Tyvek® Specialist Network.** The Tyvek® Specialist Network offers expert onsite advice from trained commercial specialists on everything from selecting the right products to ensuring correct installation from start to finish. Specialists are available on-demand at no extra cost to DuPont™ Tyvek® Fluid Applied WB+™ users. ■

#### To Learn More

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[multifamily.tyvek.com](http://multifamily.tyvek.com)

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