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.


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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