



Marriott - Fairfield Inn & Suites

Wentzville, Missouri



As one of the nations most experienced construction firms , responsible for building numerous hotel projects for one of the worlds most recognized hotel brands it is not surprising that Killian Construction Company chose BEP Blue Barrier as the building envelope protection technology for the new Marriott - Fairfield Inn & Suites project in Wentzville, Missouri.

Working closely with the Gray Design Group Architectural firm, Killian chose the BEP Blue Barrier System over sheet goods air and moisture products due to the superior

building envelope protection provided by a seamless fully adhered membrane system.

The spray applied thin mill BEP Blue Barrier Liquid Wrap 2300 system was directly applied to the CertainTeed GlasRoc sheathing after the substrate joints were prepared with BEP Blue Barrier 2200 Joint Filler. Using the spray applied system, two applicators were able to prepare, joint fill and coat 12000 square feet of the four story high structure in just 4 days.

With no surface penetrating fastener holes or material overlaps to contend with, the BEP Blue Barrier air and moisture protection system provides a complete permeable seamless membrane over the entire application area thus eliminating all openings where unwanted air and moisture can penetrate the building envelope . Furthermore a fully adhered air and moisture barrier system is less susceptible to wind and rain damage during the construction stage.

This Fairfield Inn project during the application phase of the Blue Barrier system was able to withstand severe weather, including Category 3 tornado winds with no damage or rework required to the already installed and exposed Blue Barrier product. Once applied, a fully adhered system is much more resilient to inclement weather as the unfinished structure sits exposed to the elements waiting for the exterior cladding to be completed. This is a considerable benefit over sheet goods alternatives due to unexpected repair and re-installation costs associated with non fully adhered products during construction, as well as potential post construction air and moisture barrier failures as a result of material rips and tears that go unnoticed and are inadvertently covered by the exterior cladding.

The application flexibility of the BEP Blue Barrier thin mil building envelope protection system makes it an ideal choice for any project. Available in both spray and roller grades, BEP Blue Barrier with its advanced moisture cure technology which allows the product to be applied to both wet and dry surface areas is the **professional grade** choice of contractors in all climatic conditions.

Specifiers / Contractors

Architects: Gray Design Group
- St. Louis, MO

General Contractor: Killian
Construction Company
- Springfield, MO

Blue Barrier Products Used

- Joint Filler 2200
- Liquid Wrap 2300

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