Achieving a High Performance Air Barrier System Proper Design, Installation and Field Quality Control

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ABSTRACT

Air Barriers are an extremely important component of a high performance building enclosure system. For the most part, these systems are non-maintainable components and repairs can typically only be made with the removal of the exterior cladding system. To ensure a performing system, proper design, detailing and ultimately the proper installation of these systems is extremely important. You have one chance to get it right. Come learn about important design considerations, how to properly detail critical interfaces, key items to include in your specifications and the proper installation techniques, quality control and testing parameters for a variety of air barrier systems in use today.

BIOGRAPHY

Mr. Peter Spafford has been involved in the energy conservation and building performance industry for 24 years. Peter has been an instructor in building science and building envelope performance for the past 23 years and has taught hundreds of installers, building officials and contractors across the country. Peter became the national training manager for Building Professionals and oversaw the delivery and facilitation of upwards of 50 training programs a year and coordinated upward of 50 – 70 project managers and instructors in delivering 6 week to 6 month term training programs in energy efficiency and building envelope performance. Peter has also spent a tremendous amount of time in the field performing 3rd party inspections on behalf of government, quality assurance providers, utilities and warranty programs. Peter currently is the Director of the Quality Assurance Program for Building Professionals and the Air Barrier Association of America. He has been involved in both the development and compliance aspects of the program for a number of initiatives in both the residential and commercial building markets.