

News Release

Leading Manufacturer of Wood Adhesives Puts Its Experience to Work Developing Top-Performing EPI Adhesive for Structural Glued Lumber

Franklin Adhesives & Polymers' new Advantage EP-950A is exceptionally resistant to water and heat and recently passed ASTM E119 wall burn testing, on top of ASTM D2559-12a testing. It is an easy-to-use, environmentally safe acrylic-based EPI that develops low foam during curing and can be used on finger jointers, cold or hot presses.

Franklin Adhesives & Polymers, a leading name in adhesives for assembling wood windows, doors and other wood components, now also offers a high-performing adhesive for structural glued lumber.

Advantage EP-950A, a two-part acrylic-based emulsion polymer isocyanate system (EPI), has met critical requirements for adhesives used in structural glued lumber including finger-jointed, face-glued and edge-glued lumber. It recently passed the ASTM E119-15 Standard Test Methods for Fire Tests of Building Construction and Materials – known as the “wall burn test” – and is ALSC certified as a heat resistant adhesive (HRA). It also met the requirements of ASTM D2559-12a (bonded structural wood products for use under exterior exposure conditions), ASTM D7247-07ae1 (shear strength of adhesive bonds in laminated wood products at elevated temperatures), ANSI 405-2013 (structural glued laminated timber) and CSA O112.10 (structural wood products facing limited moisture exposure).

The newest Advantage product stands out among other structural adhesives for its high resistance to water, heat and solvents. It develops very low foam during curing

and works well in finger jointers, hot and cold presses. Water-based formulation – and zero formaldehyde – promotes good indoor air quality. The water-based formulation also simplifies cleanup.

Manufacturers mix Advantage EP-950A with Hardener 200, preferably in a meter mix unit. (Franklin Adhesives & Polymers is available to work with them to supply the appropriate mixing equipment.) The adhesive is then applied via either a roll coater or extruder.

“Franklin Adhesives & Polymers is extremely excited to introduce Advantage EP-950A to structural wood component manufacturers,” said Josh Bartlett, structural business development manager, North America. “It offers them superior performance all around and the reliability of a proven brand, from a company that truly has defined the wood adhesives industry.”

Advantage EP-950A is the newest among more than 25 wood adhesives produced by Franklin Adhesives & Polymers for North American markets alone. They are sold under the brand names Advantage, Assembly, Multibond, Reactite and Titebond for the range of wood products, from furniture, and doors and windows to flooring and cabinets – and now, structural components. More information on these adhesives is available at www.FranklinAdhesivesandPolymers.com.

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