



News Release

For Immediate Release

Franklin Adhesives & Polymers Presents Advantage Line of Window Assembly Adhesives

Franklin Adhesives & Polymers, a division of Franklin International, offers wood window manufacturers a peek at Advantage Trio, a line of three adhesives for wood window assembly.

Franklin Adhesives & Polymers, a division of Franklin International, has assembled a special line of adhesives for helping wood window manufacturers put together their own products: It's the Advantage® Trio.

The Advantage Trio draws on three proven adhesives in the renowned Advantage family of products. These include Advantage 415, Advantage 425 and Advantage EP-925.

Advantage 415 is a highly water-resistant, two-part crosslinking polyvinyl acetate emulsion adhesive that can be used for finger jointing, edge gluing, hot pressing and radio frequency gluing. When mixed with aluminum chloride, the product surpasses both ASTM D 5572 wet-use finger joint and ASTM D 5751 wet-use edge glue standard. These standards are the basis for Hallmark Certification.

Advantage 415 also offers the longest open time of any of Franklin's adhesives designed for window parts and is ideal for intricate window designs. In addition, it features a low minimum use temperature. Some of the industry's most recognized window brands currently use this product for edge and face gluing.

The second Advantage product in the Wood Window Series is Advantage 425. Also highly water-resistant, this two-part crosslinking PVA emulsion adhesive is one of the highest

performing finger joint products available as measured by ASTM and Hallmark standards. When mixed with aluminum chloride, the product also surpasses the ASTM D-5572 wet use finger joint standard for flexures and tension. It is extremely easy to extrude, provides good finger coverage and also features a low minimum use temperature.

Wood window manufacturers can look to the third adhesive in the Advantage Trio for applications that require exceptional water, head and solvent resistance. Advantage EP-925 is a two-component emulsion polymer isocyanate (EPI) adhesive that can be used with conventional cold press or hot press equipment and has been enhanced to provide superior performance with radio frequency press equipment.

When mixed with Hardener 200, Advantage EP-925 reduces required conditioning time before surfacing, thereby improving plant productivity. In addition, it offers good spreader stability and low foaming compared to traditional EPI adhesives.

Advantage EP-925 with Hardener 200 also meets the following North American and global standards: Japanese Industrial Standard Class 1, Grade 1; Japanese Agricultural Society (JAS) standard for glued laminated timber for fixture; EN 204 Group D4; ASTM D-5751-99 Laminated Joint Testing; and ASTM D-905 Block Shear.

“The Advantage Trio reflects our decades of experience in wood windows and patio doors,” said Jaye Schroeder, vice president of wood market development at Franklin Adhesives & Polymers. “Our experience in this market culminates in a set of top-performing wood window adhesives that, together, provide wood window manufacturers the ideal solution for achieving high productivity at the plant and the most durable assembly for high-quality products.”

Products included in the Advantage Trio for wood window assembly are among a broad offering of adhesives formulated by Franklin Adhesives & Polymers to meet a wide variety of applications within the millwork, furniture and engineered lamination industries. In addition to Advantage, the division produces adhesives under the brand names Titebond®, Assembly®, ReacTITE® and Multibond® to meet the full scope of needs within woodworking plants.

For more information on Advantage 415, Advantage 425 and Advantage EP-925 - or any other wood adhesive offered by Franklin Adhesives & Polymers - visit

www.franklinadhesivesandpolymers.com, e-mail marketing@franklininternational.com or call (800) 877-4583.

###

About Franklin International: Based in Columbus, Ohio, U.S.A., Franklin International was established in 1935 and today is among the largest privately held manufacturers of adhesives, sealants and polymers for commercial and industrial applications. Franklin integrates its core competency - emulsion polymerization - into a broad product offering, including glues, adhesives, binders, films, sizing compounds and more. These products are distributed across six continents for use in construction, furniture manufacturing, millwork, paper converting, pressure-sensitive paper products and fiberglass reinforcement.

Media Contact Information:

Jeanne Tranter
T 614.445.0888
M 614.581.0979

jtranter@trantercommunications.com

Abbe Raabe, Marketing Communications Manager
T 614.445.1337
M 614.678.4464

abberaabe@franklininternational.com