
Franklin Adhesives & Polymers Launches Its First 100 Percent Formaldehyde-Free, Water-Resistant Wood-Assembly Glue

New Multibond® 4000 FF meets the tough standards: ANSI HPVA EF 2002 Type II Water Resistance specification; CARB formaldehyde-emission standard; and the manufacturer's demand for high quality in the production of interior wood products.

Franklin Adhesives & Polymers™, a division of Franklin International, has introduced its first completely formaldehyde-free, water-resistant, one-part x-PVAc adhesive for lamination.

The new Multibond 4000 FF meets rigorous standards for water resistance, including ANSI HPVA EF 2002 Type II specification and the tough European DIN EN 204 D3 standard. While other formulas can claim that level of water resistance, most contain some degree of trace formaldehyde.

In contrast to these water-resistant PVAc adhesives, the advanced new Multibond 4000 FF contains zero formaldehyde. End products fabricated with MB4000 FF would pass stringent formaldehyde rules in California, Japanese Four Star, the European EO formaldehyde-emission standards and the LEED® low-emitting materials requirement.

The division's x-PVAc adhesives are all considered "green"; however, no detectable formaldehyde in Multibond 4000 brings "green" to a higher level. This product was designed for those who demand the highest in both "green" performance and water resistance.

Multibond 4000 FF is a safe, yet versatile and highly effective adhesive with multiple uses across both wood assembly plants and cabinet manufacturers. It can be used in hot and cold presses and is ideal for laminating engineered wood flooring, interior plywood, cabinet panels and flush doors.

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“Franklin International pioneered the first solvent-free adhesive more than two decades ago and continues to be on the forefront of green adhesives and sealants for the construction and wood markets today,” said Jaye Schroeder, business manager at Franklin Adhesives & Polymers. “Multibond 4000 FF demonstrates our continued commitment to providing products that are safe to use, yet meet our customers’ requirements for strength, water resistance and ease of application.”

Multibond 4000 FF is among a broad line of adhesives formulated by Franklin Adhesives & Polymers to meet a wide variety of applications within the furniture, millwork and engineered lamination industries. The line includes renowned products lines such as Titebond[®], Multibond and Advantage[®] adhesives for edge and face, assembly and laminate applications.

Additional information about Multibond 4000 FF or other products from Franklin Adhesives & Polymers is available through the division’s marketing team, (800) 877-4583 ext. 1446 or marketing@franklininternational.com.

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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, hot melts, 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.