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PRODUCTS FACT SHEET

RedBuilt™ offers building industry's most complete array of commercial and light-industrial engineered wood solutions

BOISE, Idaho (June 10, 2010) — RedBuilt™, formerly the commercial division of Trus Joist® Corp., takes wood fibers and reconfigures them to employ their natural strength in ways that create more consistent and predictable products than traditional lumber. This results in better-performing building materials that make the most of your design while conserving valuable timber resources. Thanks to its patented manufacturing technologies, RedBuilt offers a wide range of engineered wood products used for commercial and light-industrial structural framing and applications. And thanks to its experienced onsite technical representatives, designers, and professional engineers, RedBuilt delivers industry-leading customer service and technical support from building concept through installation and beyond.

Red-I™ engineered wood I-joists

RedBuilt's founders invented the wood I-joist five decades ago. Engineered to provide strength and consistency, Red-I™ joists have become an integral part of floors, ceilings, and roofs in commercial applications. They offer architects, engineers, commercial building owners, and commercial contractors practical and economical solutions for virtually every structure, while increasing design confidence and building quality.

The dimensional stability of Red-I joists — which are comprised of laminated veneer lumber flanges and RedBuilt's proprietary oriented strand board web — resists warping, twisting, and shrinking that can lead to squeaky floors and costly callbacks. Strong yet lightweight, Red-I joists come in lengths of up to 80 feet and in a wide range of sizes and depths, giving you extraordinary design freedom. They also help reduce construction time and labor costs, because they're faster and easier to install than traditional "solid-sawn" framing materials.

The Red-I joist series is the most complete line of engineered wood I-joists in the industry. In addition to the standard parallel flange configuration, some series are available with tapered profiles for added design flexibility. Camber is also available in some series, upon request

Open-web trusses

Designed and built specifically for each job, RedBuilt open-web trusses create efficient and economical floor and roof solutions and provide architectural freedom for commercial and light-industrial applications. They are lightweight, easy to install, and have nailable chords for easy attachment of roof decking and ceiling materials. And pound for pound, RedBuilt open-web trusses are among the strongest structural members produced on Earth and are the solution of choice for special projects with exceptionally long spans.

RedBuilt open-web trusses give you the advantages of wood and steel — their high strength-to-weight ratio and long span capabilities free you to design and build large open spaces of more than 100 feet wide. This makes them ideal for uncluttered, open spaces without intermediate bearing walls, columns, or obstructions, such as gymnasiums, auditoriums, shopping centers and warehouses. The added versatility of numerous truss configurations — curved, pitched, scissored, and barrel — creates opportunities for innovative, economical designs with more pleasing aesthetics.

RedBuilt founders invented the innovative composite steel and engineered wood open-web truss more than forty years ago. Since its introduction in 1960, the open-web truss has become one of the most widely used engineered wood building products in commercial construction.

RedLam™ laminated veneer lumber

To produce RedLam™ laminated veneer lumber, sheets of veneer peeled from logs are carefully dried, ultrasonically graded for strength, and evaluated to ensure uniform thickness and moisture content. The sheets are coated with adhesive, layered, and subjected to heat and pressure to achieve a permanent bond. This process minimizes many of the natural inconsistencies found in wood, such as knots, splits, and wane. RedLam LVL also is very stable and resists warping, splitting, and shrinking. The net result is an engineered wood product that can support heavy loads and can be precision-cut for a variety of applications like wood beams, headers, and Red-I joist flanges.

RedLam LVL headers and beams can easily be built-up on site to cut down on heavy lifting. No matter where they're used, they install quickly with little or no waste. Engineered RedLam LVL is. However, RedLam LVL's characteristics also make it ideal for concrete-forming applications since the reliable forms can stand up to multiple reuses. The material also makes perfect scaffold planks that handle weather, heavy loads, and repeated assembly and knockdown cycles. Furthermore each plank is proof-loaded to ensure it meets industrial quality standards and OSHA deflection limits.

Total support from start to finish

RedBuilt's game-changing building technologies are almost secondary in importance to the company's extraordinary in-house engineering and onsite technical support capabilities, its limited lifetime warranty and repair services, and an institutionalized knowledge of local, state, and national building codes. Taking a consultative sales approach that focuses on solving customers' specific design challenges, RedBuilt is often sought as a single-source supplier for all things related to wood building design and construction.

The company has a network of technical representatives strategically located throughout North America to provide onsite assistance with pre- and post-installation product reviews. Backing them is a team of highly experienced design technicians and professional engineers licensed throughout the country. Together they ensure your engineered wood structural system cost-effectively meets your needs, gets installed properly, and adheres to all local, state, and national building codes.

Furthermore, the company backs its products and services with a strong limited lifetime warranty: "We warrant that our products will be free from manufacturing errors or defects in workmanship and material. In addition, we warrant the adequacy of our design for the normal and expected life of the building provided the product is correctly installed and used."

RedBuilt also maintains records for most open-web projects completed by the company since its inception in 1960. This enables the company to work with building design professionals for future maintenance and modifications, as well as for repairs or modifications to existing products.

Visit www.redbuilt.com to learn more about the company and its products.

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