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**McFarland Cascade's Xtendex® Patented Quick Clip Deck Assembly System**  
*Improve deck appearance, control board expansion and contraction*

**Tacoma, Wash.**—The Xtendex® Patented Quick Clip Deck Assembly System offers deck installers a comprehensive solution for a better looking and more functional deck that will maintain its tight, clean appearance long after installation.

McFarland Cascade's Xtendex Quick Clip was developed to work with Xtendex deck boards as part of a complete assembly system. The unique system goes beyond hiding unsightly screws for a more aesthetically pleasing appearance to manage expansion and contraction of the boards.

Xtendex is a rice-hull-based composite that naturally resists insects, moisture and mold. This wood-free choice is more stain and scratch resistant than most other wood-based composite options and all but eliminates buckling and gaps with its Quick Clip assembly system. Xtendex combines principals of conservation with practical engineering and ease of use. It's one of the only products on the market that is made with rice hulls and features its own building system.

The primary function of the Quick Clip system is deck performance. Because all composite materials expand and contract with temperature and moisture changes, controlling expansion and contraction in composites is a critical ingredient of proper installation. Composites behave differently than traditional wood construction, and installer understanding of these differences is the key to proper installation.

Featuring expansion control technology, these components and techniques maximize the performance, effectiveness and appearance of the Xtendex building system:

- **Fixed-Point Connections**—To eliminate gapping between butt joints and at the edge of decks under 40 feet, each deck board is **fixed** securely to the sub-structure at a designated **point** (butt joint) using a screw drilled through the lip of the board and into a joist. (These specific points are illustrated in our installation guide.) This forces any expansion that fluctuating temperatures may cause toward the edge of the deck and into our specially designed G-Trim where the movement is hidden from view.
- **Xtendex Quick Clip Fasteners**—Quick Clips are made of durable UV-protected Poly Propylene. They serve as spacer and fastener, making it easy to precisely align and secure the deck boards while allowing them to expand and contract freely under each T-shaped clip. The installer fastens the clips with a screw at every joist along the length of the deck boards. Because we designed them specifically for Xtendex deck boards, the gap between boards is only 3/16-inch, which makes the clips virtually invisible. The installer can easily remove Quick Clips if a board needs to be replaced.

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- **Xtendex G-Trim**—G-Trim is the other key component to the Xtendex Quick Clip Assembly System. G-TRIM is a grooved trim board (shaped like a G) that attaches to the rim joist allowing deck boards to expand and contract inside the open cavity. This hides any expansion or contraction movement from view.

In addition to Xtendex, McFarland Cascade also features these decking products:

- **Stonedeck™**—Featured in Sunset Magazine in August of 2005 and 2006, these light-weight natural stone tiles backed with a high-strength composite will install on standard above ground deck frames with no additional substructure required. Stonedek can be used for an entire project or as an accent.
- **Extreme Tropical Hardwoods**—When nothing but real wood will do, McFarland Cascade's Extreme Tropical Hardwood line offer richness and durability that choosy customers appreciate. Their dramatic grains and distinctive colors can add value and elegance to any home, while their natural resistance to fungi and termites offer maintenance benefits.
- **RhinoDeck®**—Recognized as a quality wood alternative in the building industry, this composite decking system is comprised of 50 percent recycled high-density polyethylene (HDPE) and 50 percent recycled wood fibers. People who have used RhinoDeck have helped America recycle more than 1 billion plastic containers a year. It's splinter free, requires no painting or staining and installs like traditional wood.
- **Rain Escape® and DrySnap™**—Homeowners can maximize outdoor living spaces—even during rainy days—by transforming unsightly under-deck overhangs into dry and attractive usable spaces. Gain an outdoor living room or a dry storage space for lawn and gardening equipment, bikes, and more.
- **Royal Trim Board®**—Ideal for new construction and remodeling, Royal Trim Board is made of 100 percent Cellular Vinyl PVC™ to stand up to severe weather and harsh seasonal conditions. It also offers design versatility with unmatched Poly Select® surface durability.

McFarland Cascade products are available in Washington, Oregon, Idaho, Utah, Montana, Alaska and Hawaii. For more information, or to receive McFarland Cascade's catalogue featuring its complete line of decking products, call (800) 426-8430, or download it online at [www.mcfarlandcascade.com](http://www.mcfarlandcascade.com).

*At McFarland Cascade, the best outdoor projects start with the best materials. A manufacturer and distributor of pressure-treated lumber, composite decking and other products that are sold through quality retailers throughout the West, the company began as a producer of poles and pilings in Sandpoint, Idaho in 1916.*

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