

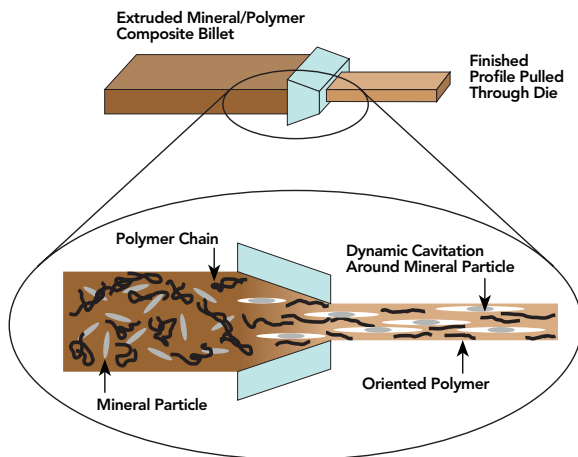


About Eovations, LLC

Eovations, LLC is a technology-driven company founded to refine and commercialize Eovations™ technology in a broad set of applications. Eovations has structured its business to enable sales of branded products, licensed supply of components to independent companies, and technology licensing to fabrication customers for production of application-specific and value-added products.

Unique Manufacturing Technology

Eovations technology is a patented, proprietary extrusion and drawing process that combines mineral particles within a thermoplastic matrix. The process yields lineals of a fully-fibrous and molecularly-oriented composite system that essentially replicates wood's fibrous network and structure. The material delivers a unique combination of strength, stability, light weight and durability unheard of in plastics, wood-plastic composites and even wood itself.

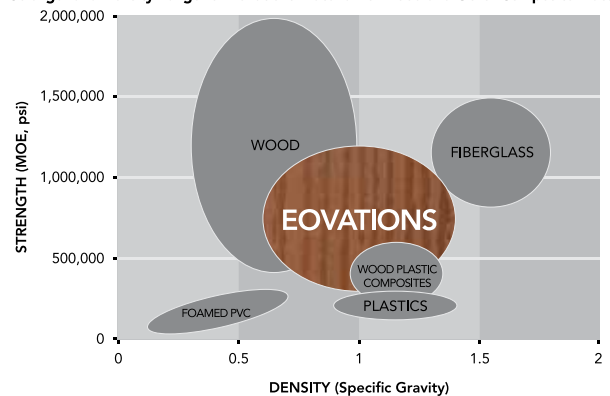


The patented Eovations extrusion and drawing process first creates a small-scale fiber matrix, then orients polymer chains within the individual fibers into a remarkably strong composite structure that improves upon the performance of wood's fibrous network.

Stronger, Pound for Pound

- High structural strength approaching that of wood
- Withstands 580 in-lbs dart impact @ 20°C
- Light weight with densities from 0.5 to 1.0 g/cc
- Extraordinary toughness and damage resistance
- Low thermal expansion ($17 \times 10^{-6} / ^\circ\text{C}$) in the lineal direction
- Improved resistance to warping, twisting and sagging

Strength and Density Range for Eovations Material vs. Wood and Other Composite Materials



Stands Up to Harsh Environments

- Fully immersible: less than 0.2% moisture absorption in vacuum
- Stands up to long-term environmental exposure
- Does not rot or support mildew, mold or otherwise degrade
- Not damaged by insects, marine organisms, aquatic life, etc.

Beautiful Aesthetics that Last Longer

- Many molded-in textures and colors
- Paintable in factory or field installations
- Easy machining and workability for expanded design freedom
- Weatherability and toughness preserve appearance

Comparison of Principal Attributes vs. Wood and Various Composites

Performance Property	Eovations™	Wood	Wood/Plastics	Cellular PVC	Fiber Cement	Inherent Advantages of Eovations Material
Unique Material/Technology	●	○	◐	○	◐	Unique technology with broad patent coverage
Environmental Durability	●	◐	◐	◐	◐	Physical property retention after prolonged exposure
Water Absorption	●	◐	◐	●	◐	Virtually no moisture absorption even under vacuum
Maintenance Expense	●	◐	◐	◐	◐	No degradation mechanism and not subject to thermal cycling based failures
Toughness	●	◐	◐	◐	○	Withstands physical abuse and has no catastrophic failure mode
Freeze/Thaw Stability	●	◐	◐	◐	◐	No potential for freeze spalling and corresponding degradation
Wood's Internal Structure	●	●	◐	○	○	Remarkable replication of wood's internal fiber structure
Fastener Acceptance	●	●	◐	○	○	Excellent acceptance and retention of nails and screws
Thermal Expansion	◐	●	◐	○	◐	Thermal expansion less than aluminum and slightly above steel in the lineal direction
Workability	◐	●	◐	◐	○	Handles similar to wood with conventional tools and very consistent performance
Aesthetics	◐	●	◐	◐	◐	Options: pre-colored, primed, painted, variegated, etc.
Weight	◐	●	◐	◐	○	Light weight boards with very high strength-to-weight ratios
Strength	◐	●	◐	◐	○	Strength performance approaching wood
Dimensional Stability	◐	●	◐	○	●	Resists warping, twisting and sagging

Best ● ◐ ◑ ◒ ◓ ◔ ◕ ◖ ◗ ◘ ◙ ◚ ◛ ◜ ◝ ◞ ◟ ◠ ◡ ◢ ◣ ◤ ◥ ◦ ◧ ◨ ◩ ◪ ◫ ◬ ◭ ◮ ◯ ◰ ◱ ◲ ◳ ◴ ◵ ◶ ◷ ◸ ◹ ◺ ◻ ◼ ◽ ◾ ◿ ◠ ◡ ◢ ◣ ◤ ◥ ◦ ◧ ◨ ◩ ◪ ◫ ◬ ◭ ◮ ◯ ◰ ◱ ◲ ◳ ◴ ◵ ◶ ◷ ◸ ◹ ◺ ◻ ◼ ◽ ◾ ◿ Poor

Workability like Wood

- Can be sawn, drilled, fastened and machined just like wood
- Broad lineal-based design freedom
- Excellent holding power for nails, screws and staples
- Remarkable cross-grain splitting and breaking resistance

Anticipated Applications

- Deck and porch planks
- Structural framing
- Fencing and privacy walls
- Railings and guardrails
- Siding, soffit and trim
- Furniture
- Door and window components
- Insect-proof shipping pallets
- Truck and trailer components
- Agricultural construction
- Docks, piers, pilings and seawalls
- Boat bulkheads and other structural elements



Flexible Licensing Opportunities

Eovations technology is now available to product designers and manufacturers under two licensing arrangements enabling the successful development and commercialization of differentiated and high-value products across a wide range of industries and applications. Under an Application Licensing Model, Eovations, LLC acts as a components supplier for specified applications, and under a Production Licensing Model, Eovations, LLC licenses Eovations extrusion technology to customers for use in their own processing operations to produce components for specific applications. These flexible and mutually beneficial business relationships will speed commercialization of the technology and provide significant market advantages for early adopters.

Principal Contacts

Martin McDonnell, Product Manager, Eovations, LLC
 Office: 989-671-1460
 Email: info@eovationsllc.com

Dick McBride, General Manager of Operations,
 Universal Forest Products, Inc.
 Office: 616-364-6161 Ext. 1591
 Email: dmcbride@ufpi.com



eovations™
 Extruded Oriented Technology

Eovations, LLC

1645 Marquette Avenue
 Bay City, MI 48706 USA
 Telephone: 989-671-1460
 Fax: 855-650-0879
 Email: info@eovationsllc.com
www.eovationsllc.com

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