

MOVING FORWARD

# PURSUING SUSTAINABILITY



FAIRWAY Fx2  
COMPOSITE RAILING

**FAIRWAY**  
**Fx2**

# HOW WE PURSUE SUSTAINABILITY

At Fairway, our commitment in achieving business success is through responsible social, environmental, and economic practices that reduce our carbon footprint, preserve our natural resources and educate along the way.

These core values and operating principles form the foundation for Fairway's sustainability actions and overall purpose.



## Fairway's Operating Principles:

- Live by our core values and code of business conduct
- Protect the health and safety of our employees and communities
- Partner with vendors who support the same initiatives and beliefs
- Meet customer needs with innovative solutions that drive sustainable growth
- Minimize environmental impacts through responsible manufacturing processes:
  - ↳ Recycling PVC Drops & Scrap
  - ↳ Recycling Aluminum & Paper Products
  - ↳ Recycling Cardboard Dunnage
  - ↳ Recycling Wood Pallets



## Fairway's global initiatives towards sustainability:

- Activate more energy efficiency initiatives to lower our carbon footprint & greenhouse gas emissions
- Manage waste reduction through regional assessments and identification of solutions
- Achieve responsible sourcing through supply chain and vendor collaborations
- Utilizing innovative eco-friendly products and materials where applicable
- Meet or exceed industry standards as a socially responsible company



# FAIRWAY<sup>®</sup> Fx2



ENGINEERED WITH

**FIBREX<sup>®</sup>**

**Fibrex<sup>®</sup> Material Benefits**  
Fibrex<sup>®</sup> is a trademark of Andersen Corporation.

- A High Performance, High Value Biofiber Polymer Composite Technology
- Substrate material is engineered with patented Fibrex<sup>®</sup> material for superior core properties
- Environmentally responsible use of pre-consumer reclaimed wood fiber
- Fibrex<sup>®</sup> material combines many of the best properties of wood and PVC while moderating the extreme properties of both
- Excellent wear resistance and low thermal conductivity
- Low moisture absorption
- Proven dimensional stability through a wide range of temperatures

ENGINEERED WITH

**FIBREX<sup>®</sup>**



Fairway values our vendor partners' responsible approach to business and environmental stewardship.



## About Fibrex<sup>®</sup> Material

Andersen began producing windows made from wood in 1903, and in 1966 introduced vinyl cladding to help reduce maintenance and increase durability. After decades of experience with these two materials, the company introduced Fibrex<sup>®</sup> material in 1995. It combines the strength and stability of wood with the low-maintenance features of vinyl.

Fibrex material not only reduces the company's need for raw timber, but reclaims much of its wood waste stream as well. It provides an efficient use of embodied energy in the reclaimed wood fiber and helps reduce volatile organic compound emissions, since no wood preservative treatment or painting is required. Additionally, pre-consumer converted Fibrex<sup>®</sup> material from the manufacturing process can be reclaimed and reprocessed into new components. Andersen has saved hundreds of thousands of board feet of lumber since its introduction.



## Engineering Sustainable Solutions

In 1991, Andersen developed the revolutionary and highly sustainable Fibrex® material. Fibrex® material is a patented composite made of reclaimed wood fiber from Andersen manufacturing operations and a thermoplastic polymer.

Fibrex® material combines the strength and durability of wood with the maintenance ease of vinyl. It is a technology that is leveraged across Andersen Corporation's product portfolio.

### Technology:

- Fairway manufactures composite rail systems using Fibrex® material substrate under license from Andersen Corporation, Bayport, Minnesota, USA.

### Sustainability:

- Andersen Corporation became the first and only Green Seal™ Certified window manufacturer in large part due to the environmental benefits of how they manufacture Fibrex® material.

### Durability:

- The thermoplastic polymer in Fibrex® material resists rot, decay, and fungal growth, ensuring a longer lifetime and reducing manufacturing demand.
- Independent testing has found that the material has a low thermal expansion and contraction rate, is resistant to rotting and termites, and retains its rigidity and stability in high temperatures.

### VOC Reduction:

- Fibrex® material also helps reduce VOC emissions, since no wood preservative treatment or painting is required.

Please visit [www.fairwayvinyl.com](http://www.fairwayvinyl.com) for more information on Fx2 Composite Railing