

FIBREX® MATERIAL: A BETTER ALTERNATIVE, A BETTER WINDOW

Reinventing the window

Innovation has been a hallmark of Andersen Corporation since its founding in 1903. From implementing “mass production” techniques in 1904 (nine years before Henry Ford), to producing the first completely assembled window unit in the industry (1926), to becoming the world’s largest specialized window frame factory in 1929, our guiding principle has always been to “make a product that is different and better.” Each step of the way we have incorporated the latest technologies, fine precision, and high standards in our quest to be better.

Introducing Fibrex® material

One of our most innovative ideas is Fibrex material. This revolutionary composite combines the strength and stability of wood with the low-maintenance features of vinyl. In fact, you might say it’s an evolutionary product—Andersen scientists developed the first hollow vinyl window in the U.S. in 1959, and engineered composite window materials in the 1960s and 1970s. In 1992, Andersen perfected composite window technology, and patented Fibrex material. Today, Fibrex material is the perfect choice for your new replacement windows.

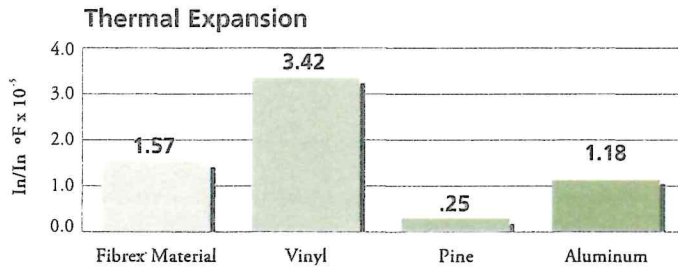
	Fibrex® Material	Other Materials
Strength	Because Fibrex® material is strong, we can make our sash and frames narrower. Narrower frames mean more glass, more view.	Vinyl frames are known to have a higher expansion/contraction rate and can bow, breaking the glass seal.
Insulation	Fibrex material has superior thermal insulating properties. Combined with Andersen® High-Performance™ Low-E4® glass, this helps your home stay warmer in winter and cooler in summer. You can save money on your energy bills. Your home feels more comfortable.	Aluminum window frames conduct heat and cold. Heat leaks out of your house in the winter and into your house in the summer.
Low Maintenance	Fibrex material never needs scraping or painting. It won’t rot, decay or mold*.	Fiberglass frames are painted and may need regular maintenance.
Beauty	Renewal by Andersen replacement windows preserve the architectural beauty of your home. Frame and sash design reflect the shape and lines of your original windows. The unique extruded Fibrex material can be made into any kind of window—including curved specialty windows.	Most replacement windows have square profiles that may look artificial in your home. Vinyl frame material is often thicker, reducing glass area. Fiberglass can only be made into straight lineals.
Environmental Responsibility	40% of the raw material by weight used to make Fibrex material is clean, reclaimed wood fiber. Reclaimed materials in the manufacturing process can also be reground and reused. Renewal by Andersen® windows meet Green Seal’s science-based environmental certification standards as well as being ENERGY STAR® qualified for meeting strict energy efficiency criteria set by the U.S. Department of Energy.	Andersen windows are the only windows with Green Seal certification. Fiberglass is a thermoset material and cannot be reformed into new profiles.
Warranty	A window is not just glass and some framing material. It’s a precise combination of glass, frame and quality installation. We back it all with a Product and Installation Limited Warranty* that is one of the best in the business.	More than half of all remodeling firms have been in business less than four years.** Installation is rarely covered in the written warranty.

*For a copy of the Renewal by Andersen® Products and Installation Transferable Limited Warranty, contact a sales representative. **Small Business Administration Website, www.sba.gov

The “material” difference

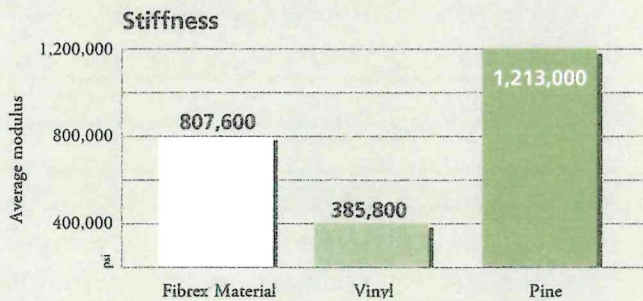
Consider all you expect windows to do for your home—Fibrex® material makes a difference in every instance. Measured across a range of conditions that affect the efficiency, maintenance and beauty of windows, Fibrex® material performs well compared to vinyl, aluminum, fiberglass, and wood. Take a look and we think you’ll agree—replacement windows made of Fibrex® material are the right choice for your home.

Durable and reliable



Fibrex material, like wood, fiberglass and aluminum, expands and contracts very little. Vinyl, however, expands and contracts a lot, which can cause cracks, bowing and leakage of air and water. Fibrex material windows will perform better in every season no matter how cold the winters or how hot the summers in your area.

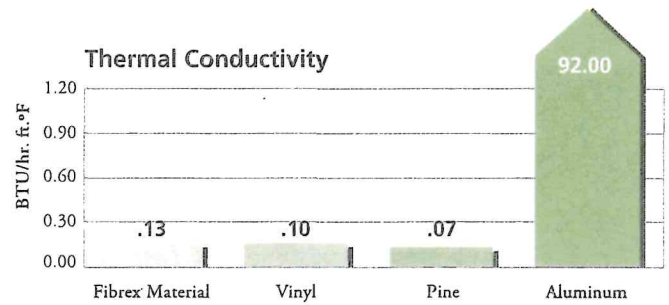
Stable and predictable



Fibrex material is twice as stable and rigid as vinyl. Wood’s average stiffness is higher, but it’s less predictable than Fibrex® material because of wood’s natural variations like grain, knots and moisture content. Fibrex material is strong so frames can be made narrower than with other framing materials. Narrower frames mean more glass, more view. Fibrex material can be made into any style of window—including curved specialty windows—and in colors to complement every home.

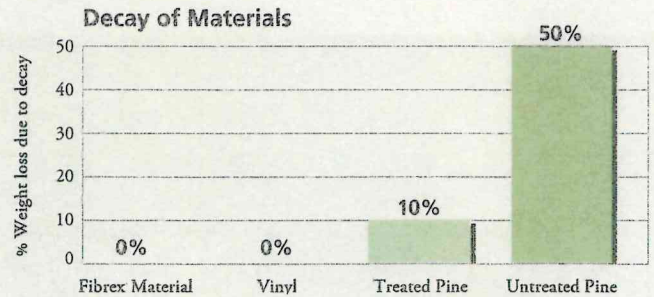
*See the limited warranty for details.

An excellent insulator



Fibrex material has excellent insulating properties on a par with wood, vinyl or fiberglass. Aluminum, on the other hand, transfers heat out of your home and allows outdoor cold temperatures to chill the window areas inside. Fibrex material insulates about 700 times better than aluminum.

Decay-resistant



With Fibrex material, a special polymer formulation surrounds and coats each wood fiber in the manufacturing process, providing exceptional resistance to rot and fungal growth. Renewal by Andersen’s windows, made with Fibrex material, never need scraping or painting because they are warranted not to flake, rust, blister, peel, crack, pit or corrode.*

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