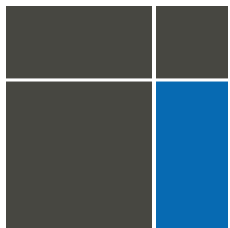




ENERGY EFFICIENCY NEVER LOOKED SO GOOD

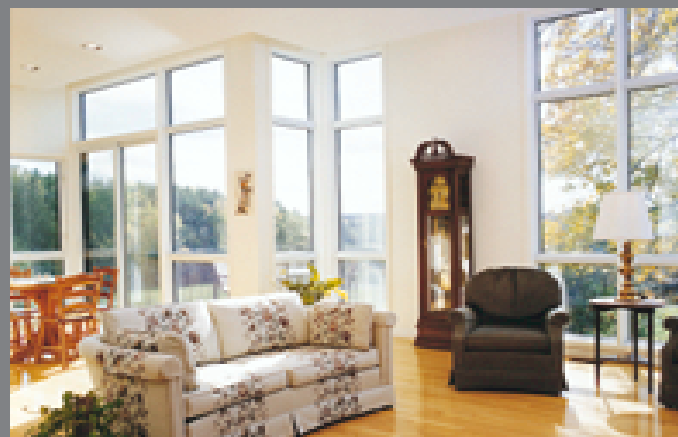


THERMOTECH
windows

YOU'VE TAKEN A LOT OF CARE TO TRANSFORM YOUR HOUSE INTO YOUR HOME.

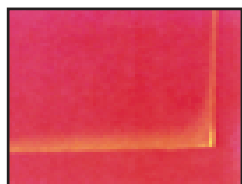
You've taken the time to add your own personal touch - but how will the windows affect your perfect space? Will they add or take away from the views? There's nothing better

than cozying up by a sun-drenched window on a cold and blustery day to read a good book. But do you ever find yourself moving away from a cold draft? Do your warm windows in the summer turn into cold drafty windows in the winter? Thermotech can help by offering windows that keep you warm and comfortable on those chilly days.

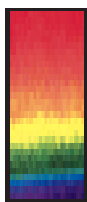


THERMAL GLAZING PROPERTIES

Triple Glazed
Super Spacer

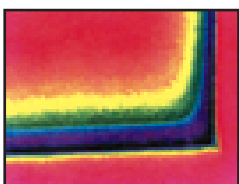


HOT



COLD

Double Glazed
Aluminum Spacer



Thermotech's fiberglass windows are unique. They offer a level of energy efficiency, condensation protection, lower maintenance, durability and comfort not found in other windows. Thermotech windows will deflect excessive heat in the summer and will capture the sun's natural energy in the winter, keeping you warm and protected from whatever Mother Nature throws your way.

TECHNOLOGY ADVANCEMENTS

In the past 15 years window technology has advanced significantly. No longer is a window just a piece of glass but it is now a part of your home's energy management system.

Fiberglass windows are unique in their ability to help manage heat gain and heat loss. Energy savings can be as high as 18% on your home's heating bill.*

Thermotech's fiberglass windows help address indoor air quality by being chemically stable and using an ultra Low Volatile Organic Compound paint. The insulated frames and spacers offer maximum resistance against mold growth caused by condensation.

High performance windows provide a healthier environment for your family and friends as well as great views, natural light, lower energy bills, and more of those cozy days.



Double (as shown) or triple glazed
Low E and Argon gas filled

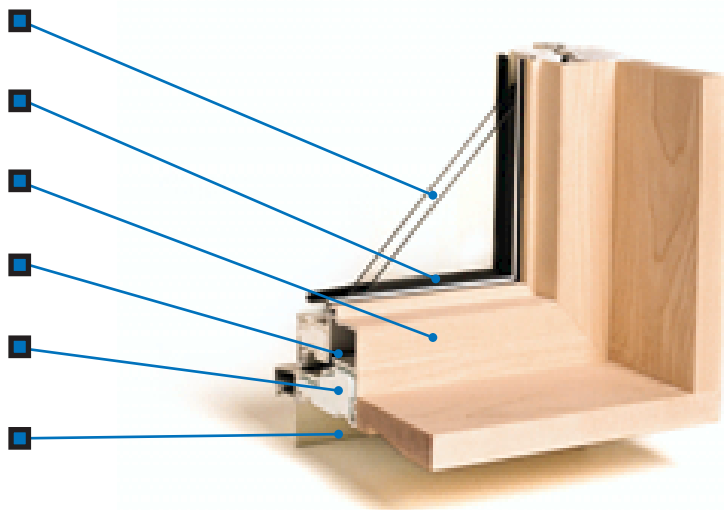
Single or double Super Spacer™
The warmest edge spacer available

Fiberglass, Maple or Oak interior
Prefinished, stainable or paintable

Triple weatherstripping
Maximum weathertightness

Insulated sash and frame
Increased insulation value

Rigid installation flange
Easy, secure, weathertight installation



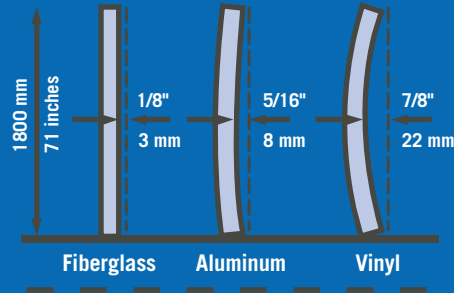
* Adopted from *Enermodal Engineering performance of windows used in the advanced houses program Natural Resources Canada, Ottawa, ON 1996.*

FIBERGLASS FACTS

Fiberglass expands and contracts at a similar rate to glass. This is about 1/3rd the rate of Aluminum and about 1/7th the rate of Vinyl. This means there is less torsion and stress between the glass and the frame in cold weather reducing air leakage and decreasing stress on locking mechanisms.

Unrestrained Thermal Bow

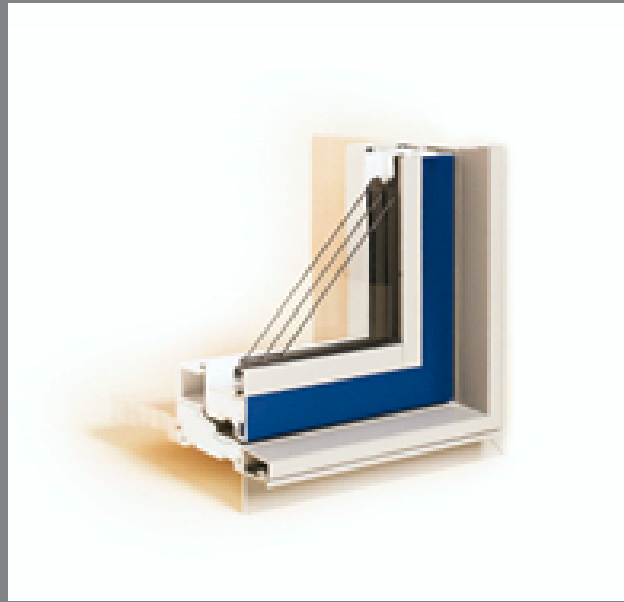
[0 to 72 F
-18 to 22 C]



Fiberglass does not require a "thermal break" as do Aluminum windows. The thermal properties of fiberglass make it a good insulator. Even with a thermal break, aluminum windows cannot match the insulating properties of fiberglass.

Fiberglass window frames unlike wood or vinyl do not rot, shrink, or warp. Windows today often rot from the inside out because of today's higher indoor humidity's. Wood can rot and deteriorate with high moisture content and vinyl can embrittle and crack over time with high UV exposure.

Fiberglass is a very strong composite material and maintains its strength in every climate. This strength has allowed Thermotech to utilize a slimmer sash profile that increases glass area with the benefit of more light. Vinyl and wood can bow and sag over time – this bow and sag could cause water and air leakage and potential early seal failure.



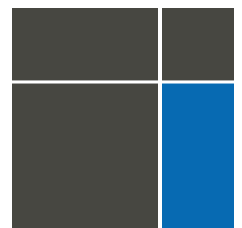
Cover home by Isabelle Bradbury Architect, OAA OAAQ MRAIC - www.ibarchitect.com iba@sympatico.ca
Cover Photo by Gordon King
Other photography by Jeff Ryan www.jeffryan-photography.com
Corner section photography by David Ferguson

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