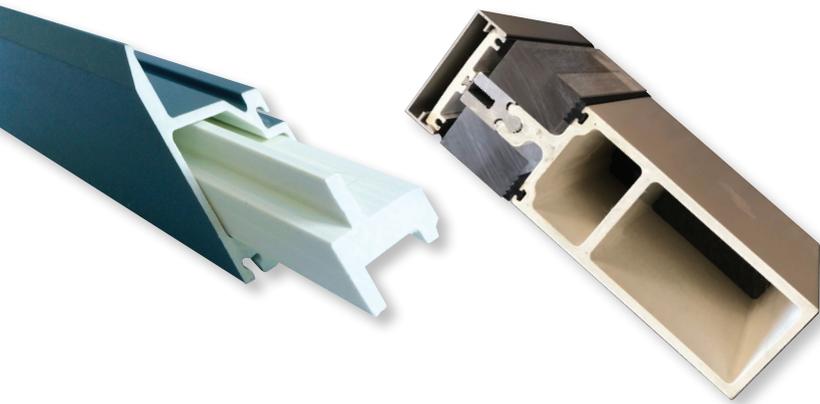


OMNIGLASS SCT

Pioneered - Perfected - Proven



OmniGlass SCT fiberglass – your best choice

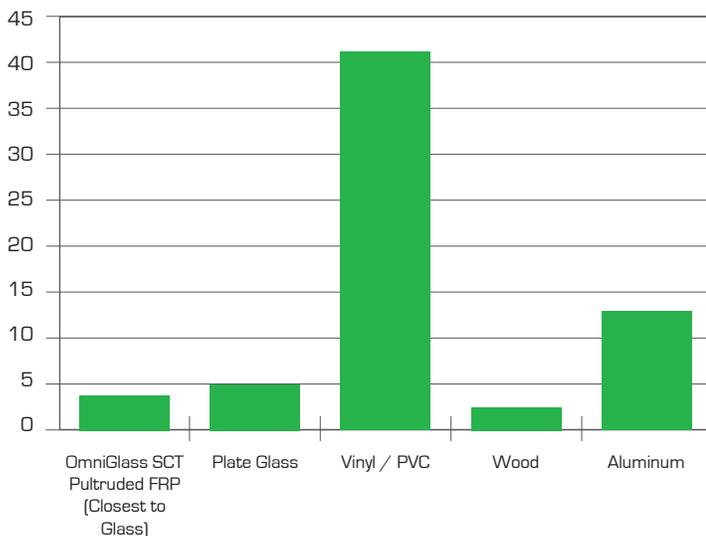
Compared with vinyl, wood or aluminum, fiberglass offers strength, durability and insulation in extreme weather conditions.

Many architects and engineers have chosen fiberglass for their own homes and offices due to its performance.

Better Seals

Composed of about 60% glass, fiberglass, like plate glass, has a very low and similar rate of expansion and contraction. This characteristic maintains an excellent seal in hot or cold weather with reduced movement of the frames relative to the plate glass.

Coefficient of Thermal Expansion



(in / in / Deg F x 10-6)

We don't make windows; we make them better.

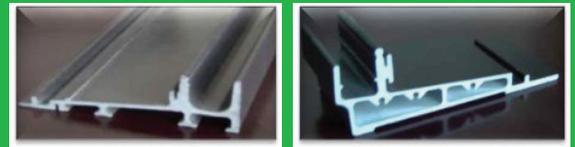
WHO WE ARE

One of North America's leading manufacturers of fiberglass for windows and door frames for over 35 years.

OmniGlass SCT's design systems and patents are at the leading edge of the fiberglass frame industry. Our products are a fit when quality, durability, insulation and environmentally friendly attributes top your list.

WHAT WE DO

We design and manufacture the highest quality fiberglass components for doors and windows, on spec and on time.



HOW WE DO IT

OmniGlass SCT uses pultrusion, a process for the continuous manufacturing of composite materials, coupled with our proprietary entry feed technology.

Our extensive design and development experience includes using AutoCad, Solid Works and Finite Element Analysis (FEA), a modelling method for predicting product behavior to real-world forces, resulting in cost reductions for our customers through design and process improvements.

OmniGlass SCT

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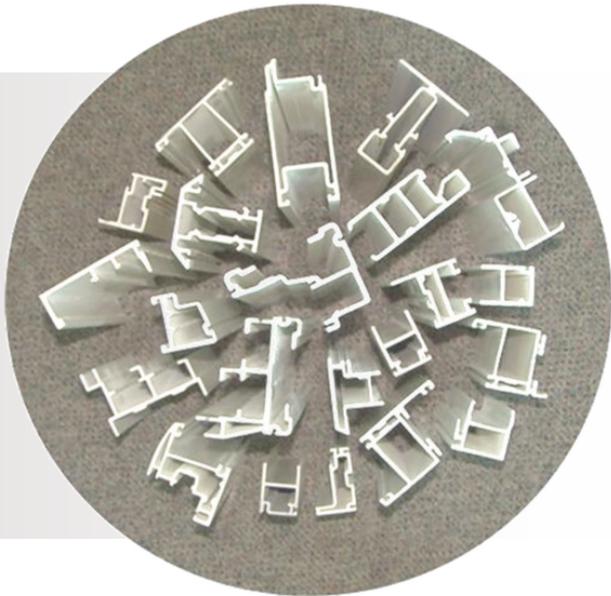
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OmniGlass SCT Products:

- Quality for leadership in Energy and Environment Design [LEED] Certification.
- Create a much higher glass loading due to our patented system, resulting in 50% higher-than-industry-standard material strength.
- Are available in custom profiles and may have a painted or laminate finish.

Not all pultruded fiberglass is created equally. Are your fiberglass window and door profiles of the highest quality today?

OmniGlass SCT delivers the most technically advanced and highest quality Fiberglass components for windows and doors to markets across North America and beyond.



Major producers are manufacturing larger windows and highly energy efficient systems with fiberglass.

The thermal movement coefficient for fiberglass is very similar to glass (because it's made from glass).

This means that, as windows expand and contract with changing temperatures, there is less stress on sealant joints and gasket seals between glass and fiberglass frames as opposed to aluminium or vinyl frames. The thermal movement coefficient for vinyl can be more than 7 times greater than glass, stressing joint materials and creating opportunities for seal failure and leaks.

Fiberglass windows, a life of warmth and strength

Sometimes referred to as the "Lumber of the Future," Fiberglass is the ideal window frame material – no other can match its performance.

Pultruded fiberglass has proven to be a superior material in five ways:



- dimensional stability
- thermal insulation
- durability
- aesthetics
- "environmental friendliness"

Energy Efficiency

Energy efficient frames have low conductivity that reduces the transfer of cold into a building. Fiberglass has a much lower conductivity than metal options; specifically, 500 times less conductive than aluminum.

Energy Efficiency

- 500x lower thermal conductivity than aluminum, so it doesn't allow heat or cold from the outside into your home.
- Fiberglass uses 78% less embodied energy than aluminum and 39% less than vinyl to manufacture.

