



What Makes Fiberglass Windows “Green” Green/Environmentally Friendly

- Raw materials used to make fiberglass window frames are extracted from the earth. The optimum fiberglass window consists of 60-70% fiberglass, which is made from sand.
- Less energy is required to manufacture fiberglass windows. Fiberglass pultrusion has the lowest embodied energy consumption compared to other materials; very little energy is used in the manufacture of the product. (Aluminum requires heating up to 1700°F while vinyl requires 375°- 425°. Fiberglass requires 200° or less.)
- Minimal waste results from production. Fiberglass windows create very little waste in the cutting process; the remainder is ground up to be used as a filler for other products, such as asphalt.
- Materials have no special transportation or handling requirements.
- Fiberglass windows have an unusually long life expectancy. Since fiberglass will not degrade when painted, it can last a lifetime...or more. Fiberglass windows have been called “the first 100-year window.”
- Fiberglass windows are *the* most efficient windows available today.

CALL PROGRESSIVE FIBERGLASS!